

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122619\
 Data File : VY001074.D
 Acq On : 26 Dec 2019 15:58
 Operator : SY/MD
 Sample : K6431-11MSD
 Misc : 5.68G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

Manual Integrations
 APPROVED

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 12/27/2019 11:04:39 AM

Quant Time: Dec 27 06:24:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	241596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	435883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	382563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	121712	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
35) Dibromofluoromethane	7.73	113	130895	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	10.18	98	546496	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
62) 4-Bromofluorobenzene	12.48	95	177384	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	94660	44.965	ug/l	100
3) Chloromethane	2.12	50	116559	40.681	ug/l	95
4) Vinyl Chloride	2.26	62	119503	42.948	ug/l	97
5) Bromomethane	2.65	94	79252	44.864	ug/l	97
6) Chloroethane	2.80	64	79312	45.764	ug/l	93
7) Trichlorofluoromethane	3.13	101	191052	46.813	ug/l	94
8) Diethyl Ether	3.54	74	78699	47.240	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	132766	49.524	ug/l	99
10) Methyl Iodide	4.10	142	163238	44.071	ug/l	98
11) Tert butyl alcohol	4.97	59	54878	209.460	ug/l	97
12) 1,1-Dichloroethene	3.88	96	128983	47.523	ug/l	99
13) Acrolein	3.74	56	44542	137.212	ug/l	99
14) Allyl chloride	4.49	41	196618	46.632	ug/l	98
15) Acrylonitrile	5.18	53	193721	232.671	ug/l	99
16) Acetone	3.96	43	126328	230.133	ug/l	94
17) Carbon Disulfide	4.20	76	346072	39.020	ug/l	99
18) Methyl Acetate	4.49	43	147968	70.260	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	347182	49.561	ug/l	94
20) Methylene Chloride	4.72	84	158869	49.169	ug/l	89
21) trans-1,2-Dichloroethene	5.23	96	146011	48.542	ug/l	97
22) Diisopropyl ether	6.13	45	429630	50.412	ug/l	97
23) Vinyl Acetate	6.07	43	996234	185.094	ug/l	98
24) 1,1-Dichloroethane	6.04	63	254828	50.598	ug/l	99
25) 2-Butanone	7.00	43	213111	220.992	ug/l	100
26) 2,2-Dichloropropane	6.99	77	194977	47.121	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	169470	51.282	ug/l	97
28) Bromochloromethane	7.35	49	111455	56.718	ug/l	95
29) Tetrahydrofuran	7.36	42	150696	219.687	ug/l	99
30) Chloroform	7.52	83	250433	52.586	ug/l	97
31) Cyclohexane	7.80	56	227674	42.990	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	201706	49.651	ug/l	99
36) 1,1-Dichloropropene	7.93	75	195130	46.926	ug/l	99
37) Ethyl Acetate	7.08	43	87562	38.029	ug/l	98
38) Carbon Tetrachloride	7.91	117	176673	48.493	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	249870	45.250	ug/l	96
40) Benzene	8.17	78	617015	49.184	ug/l	99
41) Methacrylonitrile	7.33	41	51457m	51.547	ug/l	
42) 1,2-Dichloroethane	8.25	62	142820	47.618	ug/l	99
43) Isopropyl Acetate	8.28	43	179449	42.102	ug/l	97
44) Trichloroethene	8.94	130	158585	47.978	ug/l	99
45) 1,2-Dichloropropane	9.22	63	156227	49.641	ug/l	96
46) Dibromomethane	9.31	93	77395	47.707	ug/l	97
47) Bromodichloromethane	9.50	83	189057	50.310	ug/l	99
48) Methyl methacrylate	9.30	41	85280	46.886	ug/l	95
49) 1,4-Dioxane	9.30	88	22310	940.097	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	490059	220.592	ug/l	98
52) Toluene	10.24	92	383219	49.631	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	199454	48.906	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	237177	48.364	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	118195	48.802	ug/l	97
56) Ethyl methacrylate	10.51	69	151669	44.001	ug/l	96
57) 1,3-Dichloropropane	10.79	76	205313	48.364	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	297329	223.330	ug/l	99
59) 2-Hexanone	10.83	43	335632	218.341	ug/l	97
60) Dibromochloromethane	10.99	129	130137	50.304	ug/l	99
61) 1,2-Dibromoethane	11.09	107	113999	49.223	ug/l	98
64) Tetrachloroethene	10.72	164	156701	47.341	ug/l	98
65) Chlorobenzene	11.52	112	403921	50.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	135491	51.739	ug/l	100
67) Ethyl Benzene	11.59	91	727064	50.938	ug/l	100
68) m/p-Xylenes	11.70	106	556244	102.636	ug/l	98
69) o-Xylene	12.03	106	268130	52.589	ug/l	98
70) Styrene	12.04	104	451116	52.036	ug/l	99
71) Bromoform	12.20	173	74092	50.812	ug/l #	99
73) Isopropylbenzene	12.33	105	732493	54.033	ug/l	99
74) N-amyl acetate	12.14	43	140964	39.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	133884	50.132	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	103888m	48.104	ug/l	
77) Bromobenzene	12.61	156	153805	50.446	ug/l	99
78) n-propylbenzene	12.67	91	835113	50.556	ug/l	99
79) 2-Chlorotoluene	12.75	91	453823	49.749	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	572513	51.521	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	45902	45.331	ug/l	97
82) 4-Chlorotoluene	12.85	91	421707	44.507	ug/l	92
83) tert-Butylbenzene	13.07	119	481581	51.628	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	568547	50.916	ug/l	99
85) sec-Butylbenzene	13.25	105	698155	50.769	ug/l	99
86) p-Isopropyltoluene	13.36	119	627150	52.706	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	296943	50.710	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	299618	50.722	ug/l	99
89) n-Butylbenzene	13.69	91	599101	50.043	ug/l	99
90) Hexachloroethane	13.95	117	117063	52.218	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	274854	50.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	19392	43.400	ug/l	91

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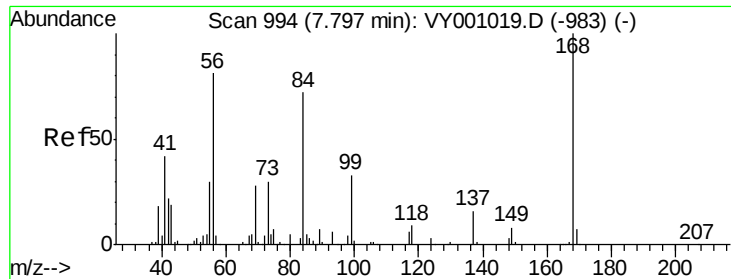
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	182281	49.995	ug/l	100
94) Hexachlorobutadiene	15.11	225	88600	51.067	ug/l	99
95) Naphthalene	15.23	128	430285	50.183	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	162181	49.880	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:168 Resp: 241596

Ion Ratio Lower Upper

168 100

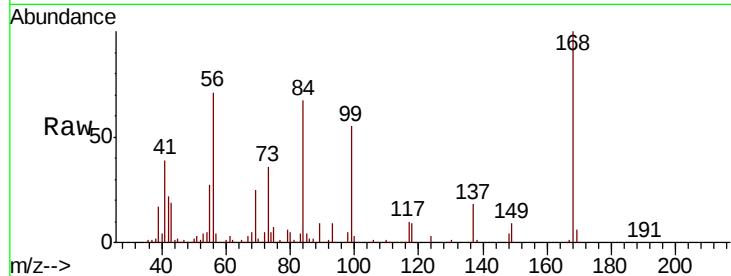
99 54.8 44.0 66.0

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Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

120000

100000

80000

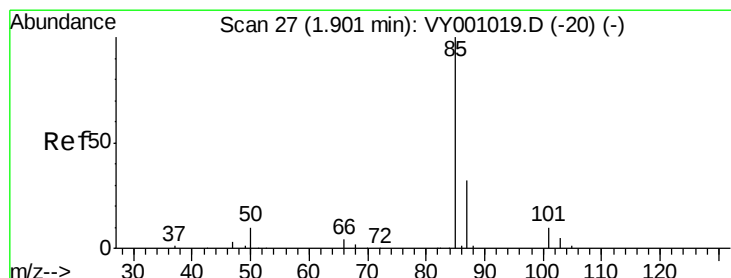
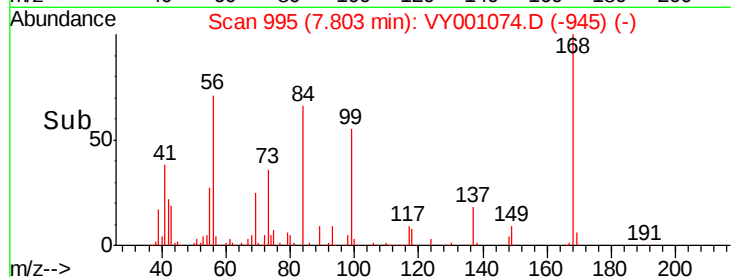
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.965 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001074.D

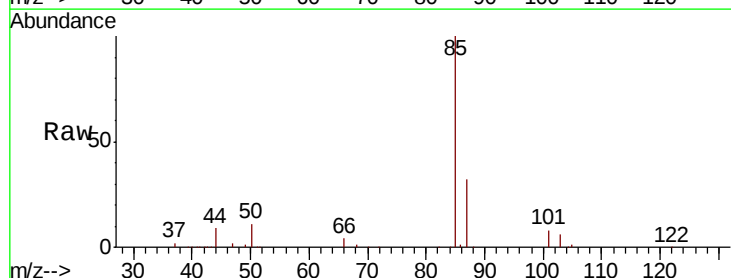
Acq: 26 Dec 2019 15:58

Tgt Ion: 85 Resp: 94660

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)

1.90

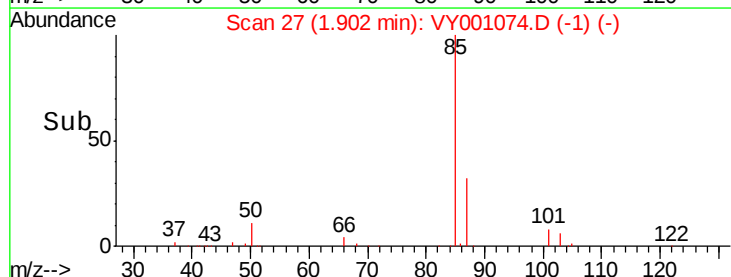
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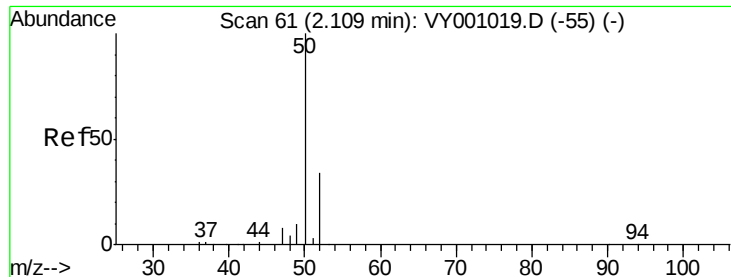
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20000

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Time-->





#3

Chloromethane

Concen: 40.681 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tot Ion: 50 Resp: 116559

Ion Ratio Lower Upper

50 100

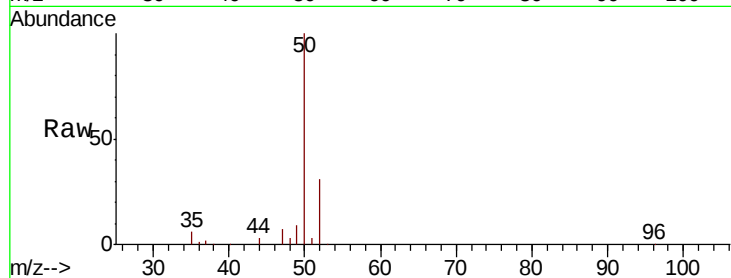
52 31.3 27.1 40.7

Manual Integrations

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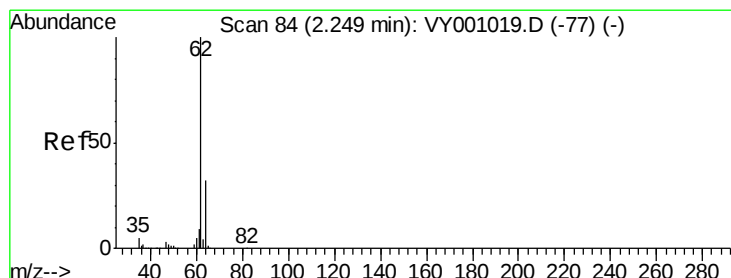
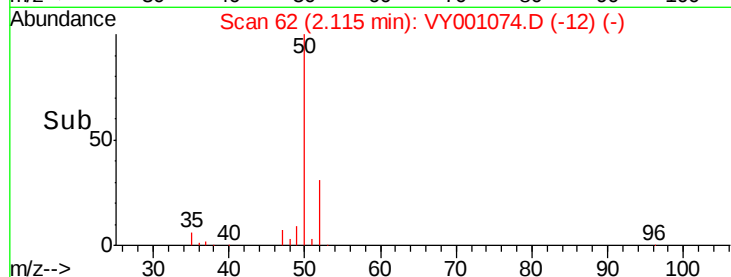
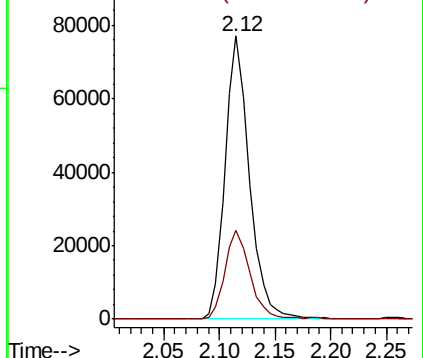
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 42.948 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001074.D

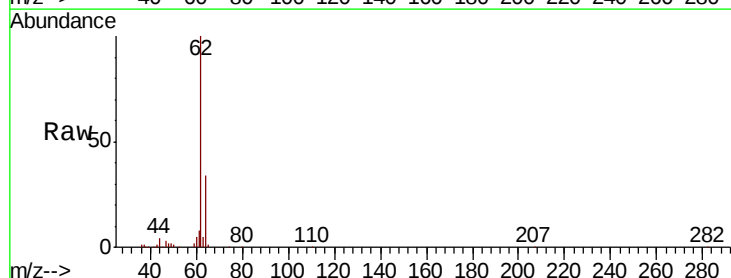
Acq: 26 Dec 2019 15:58

Tgt Ion: 62 Resp: 119503

Ion Ratio Lower Upper

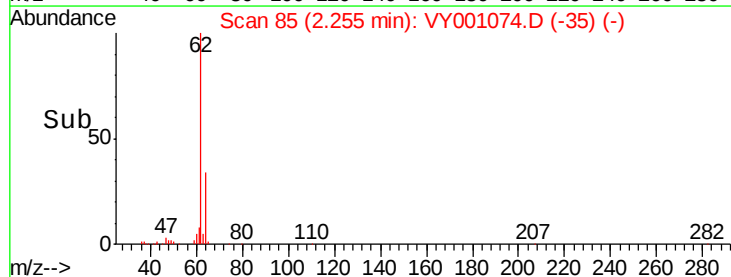
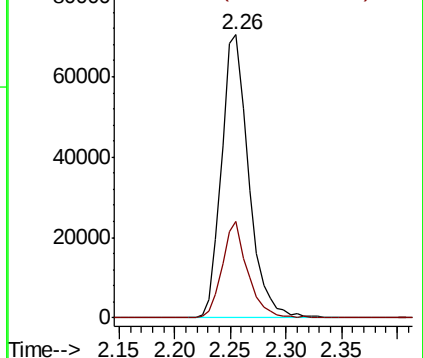
62 100

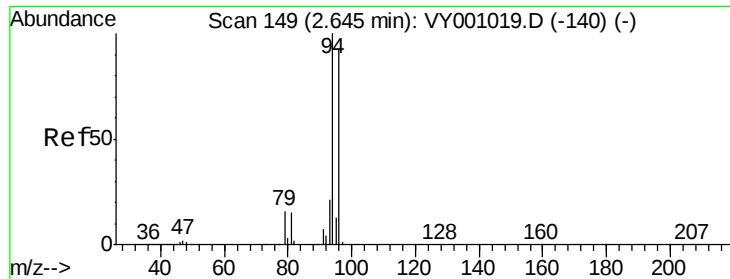
64 33.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 44.864 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tot Ion: 94 Resp: 79252

Ion Ratio Lower Upper

94 100

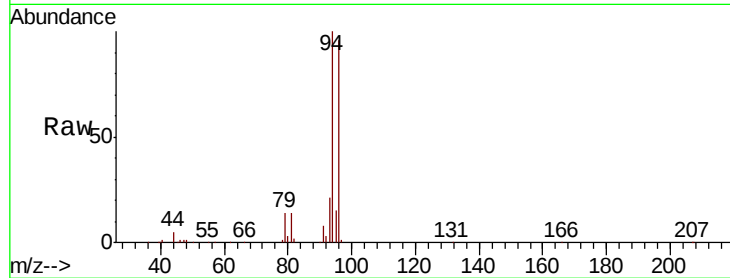
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Manual Integrations

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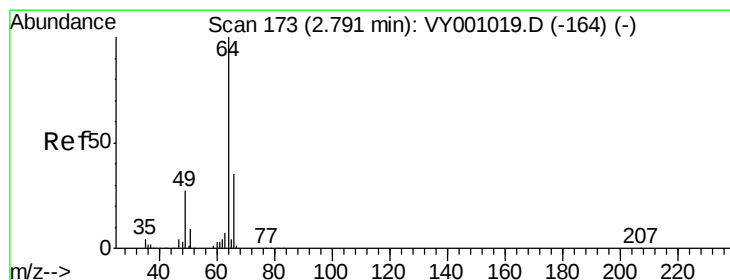
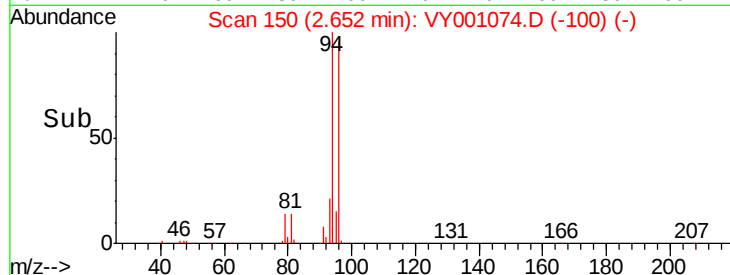
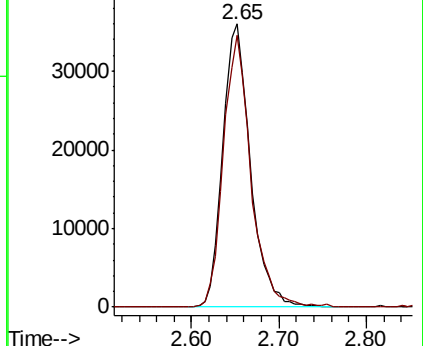
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 45.764 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY001074.D

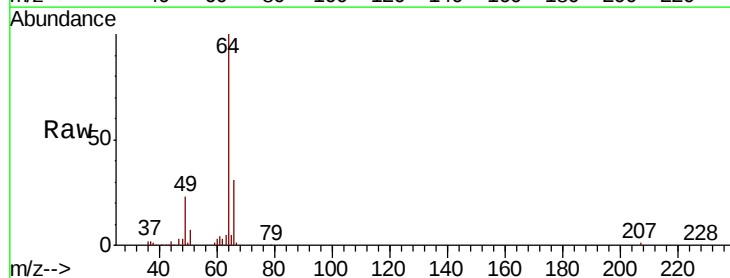
Acq: 26 Dec 2019 15:58

Tgt Ion: 64 Resp: 79312

Ion Ratio Lower Upper

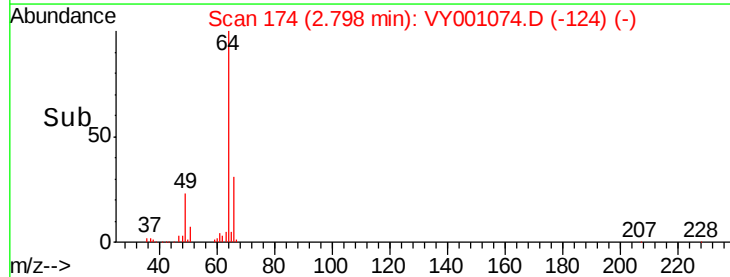
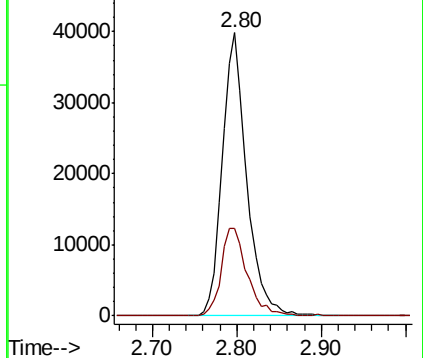
64 100

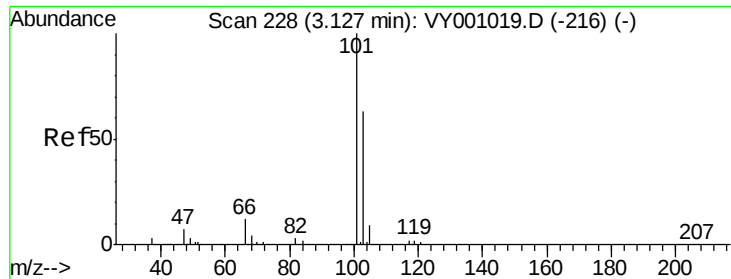
66 30.9 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

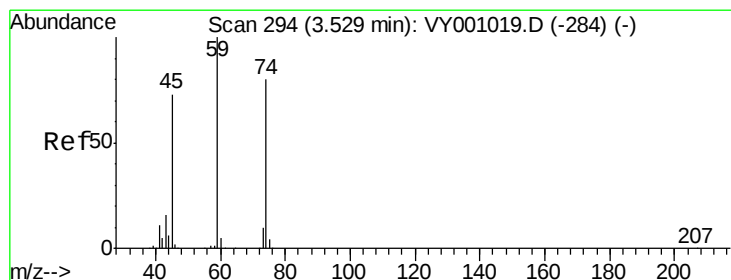
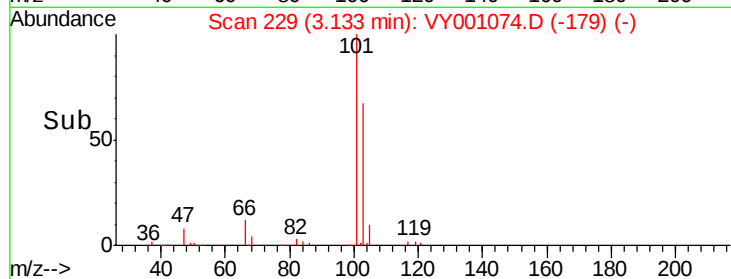
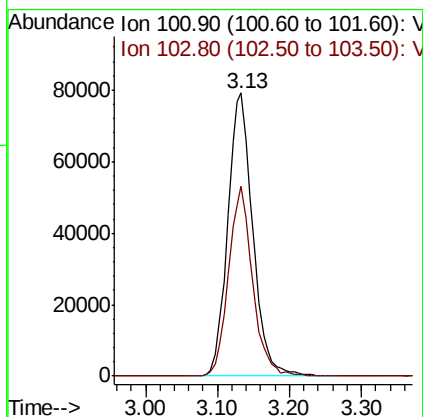
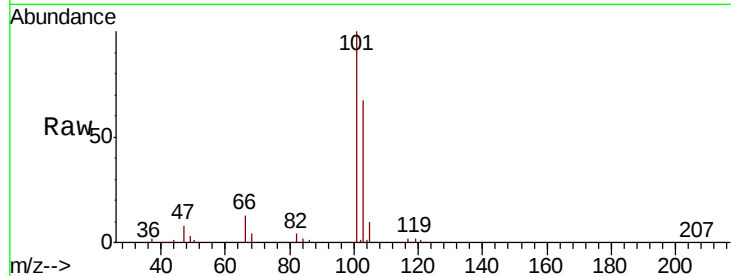
Trichlorofluoromethane
Concen: 46.813 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	191052		
103	67.1	50.2	50.2	75.2

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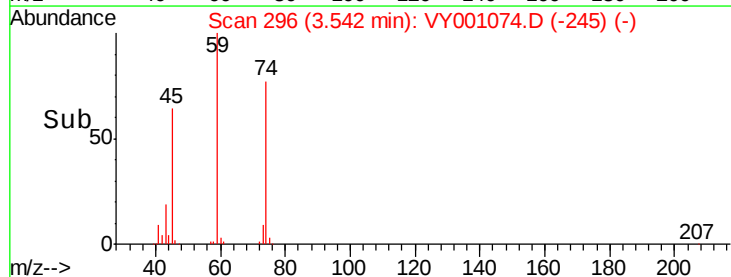
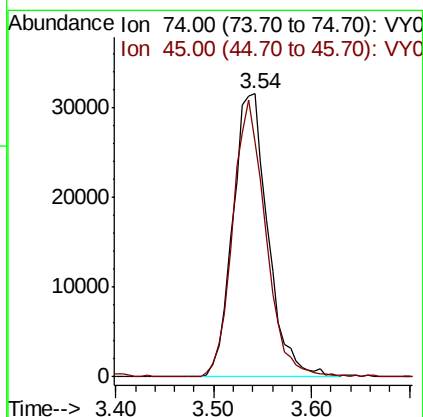
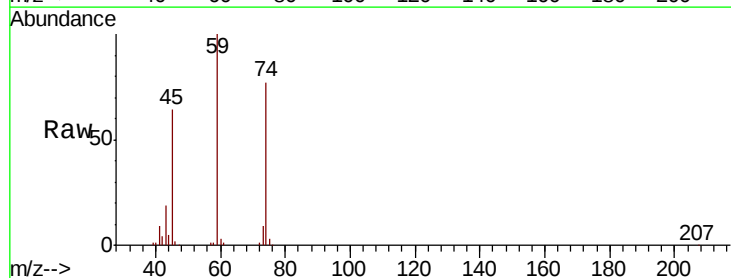
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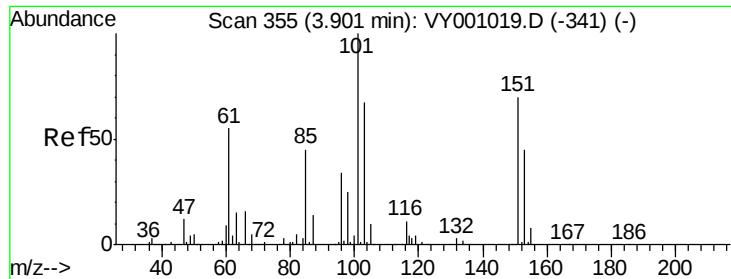


#8

Diethyl Ether
Concen: 47.240 ug/l
RT: 3.54 min Scan# 296
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	78699		
45	91.8	46.4	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.524 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

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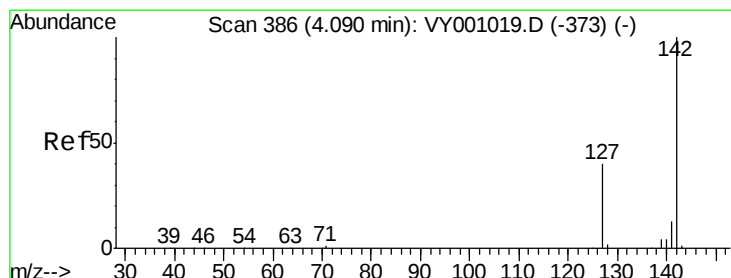
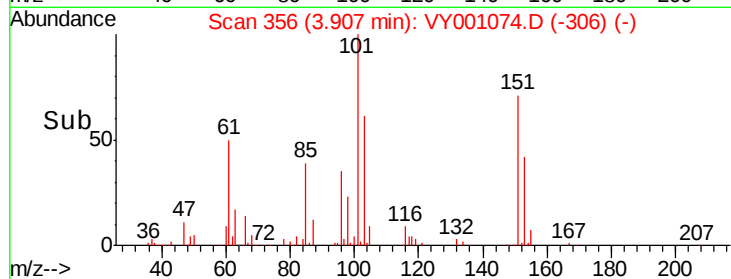
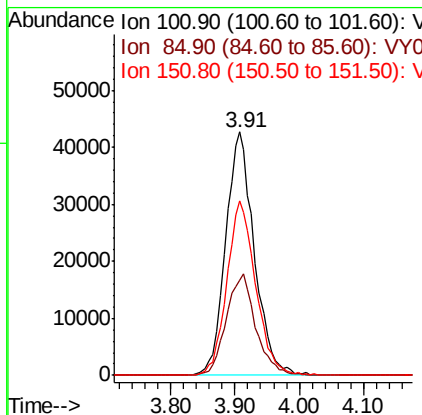
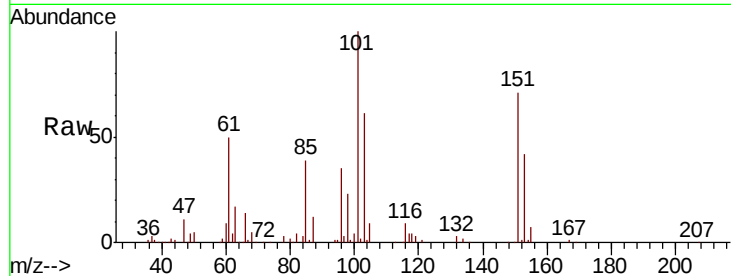
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	101	Resp:	132766
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.2	51.2
151	72.3	57.0	85.6

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#10

Methyl Iodide

Concen: 44.071 ug/l

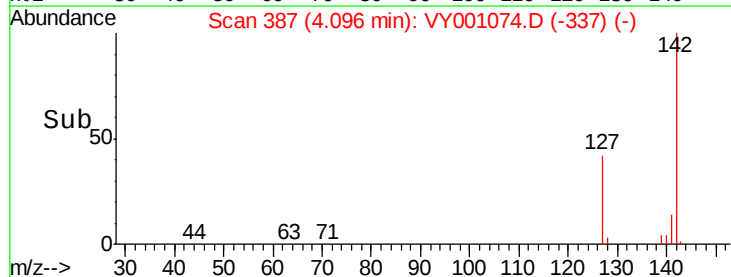
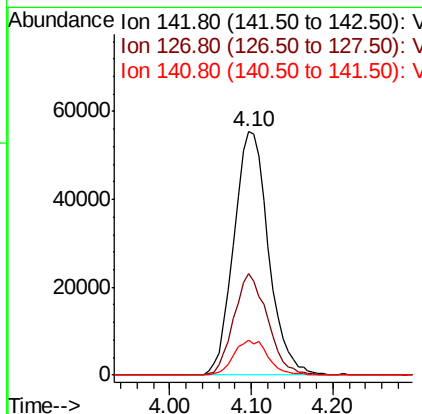
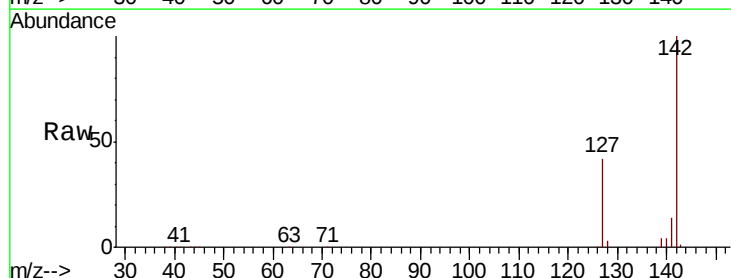
RT: 4.10 min Scan# 387

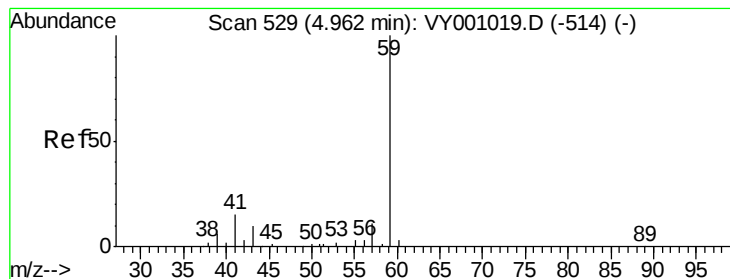
Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Tgt Ion:	142	Resp:	163238
Ion Ratio	Lower	Upper	
142	100		
127	40.5	31.2	46.8
141	14.2	11.0	16.4





#11

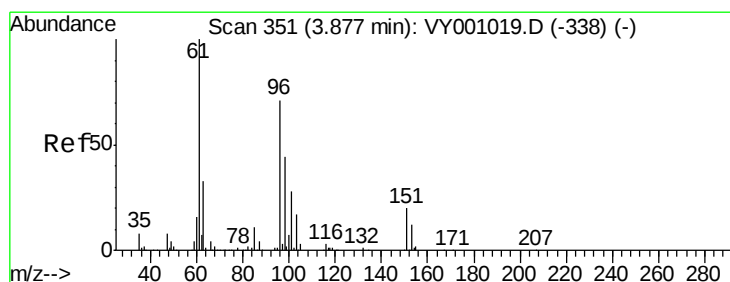
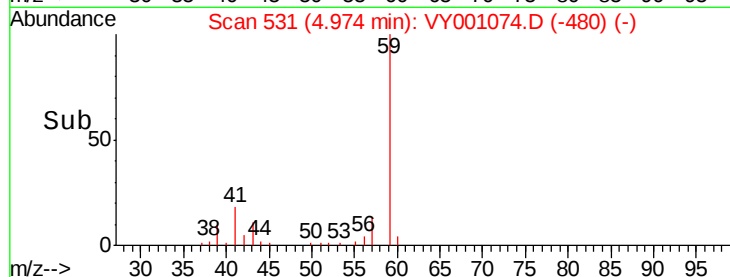
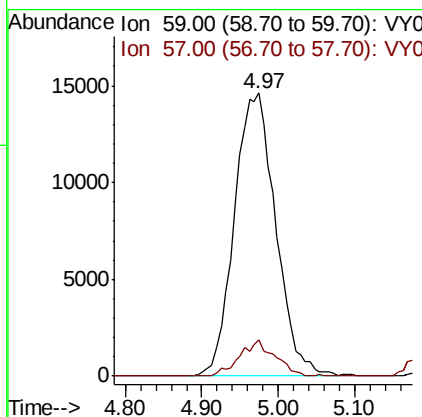
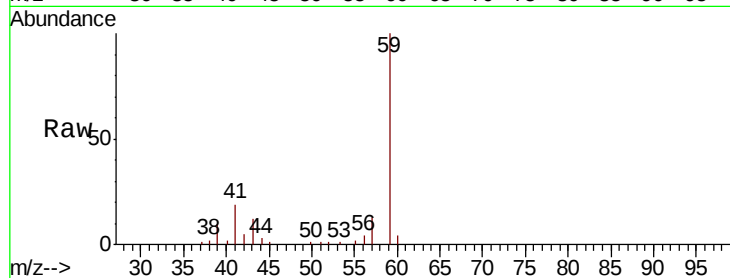
Tert butyl alcohol
Concen: 209.460 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.8	11.6

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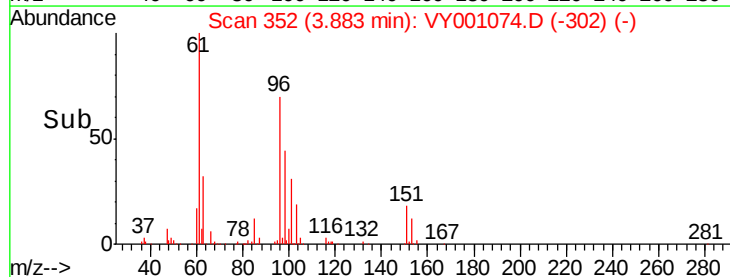
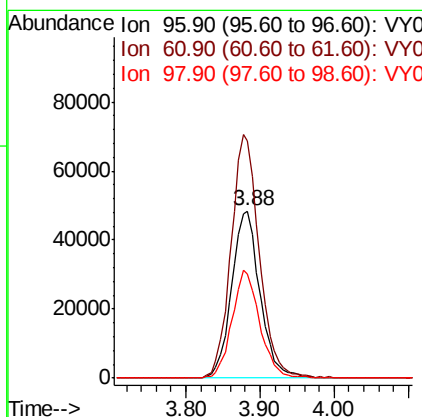
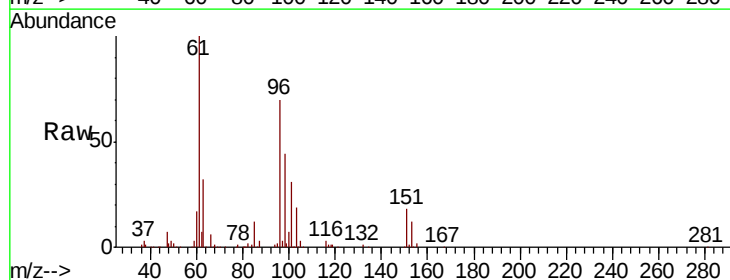
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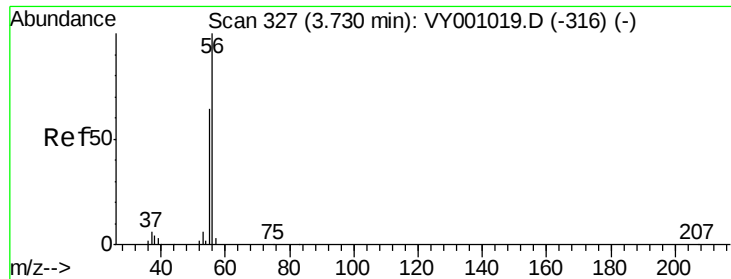


#12

1,1-Dichloroethene
Concen: 47.523 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.5	113.0	169.4
98	62.1	49.8	74.8





#13

Acrolein

Concen: 137.212 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tot Ion: 56 Resp: 44542

Ion Ratio Lower Upper

56 100

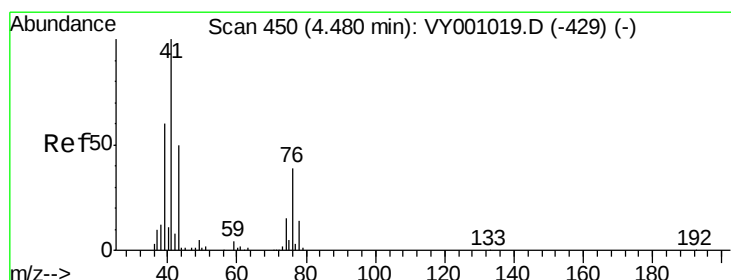
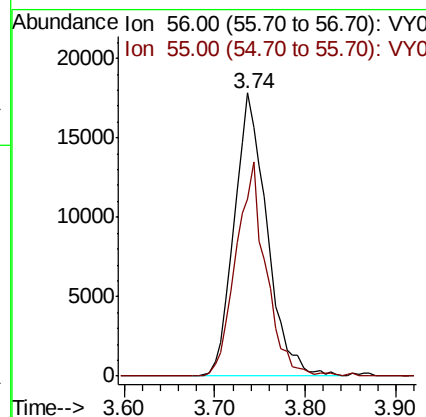
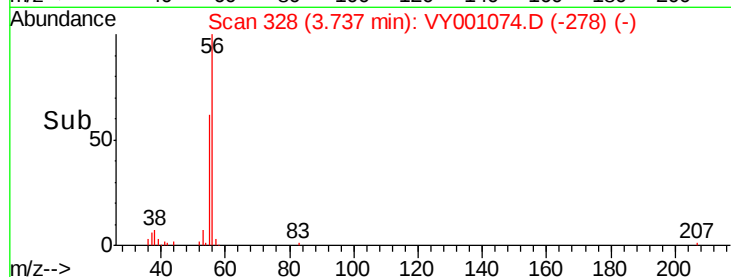
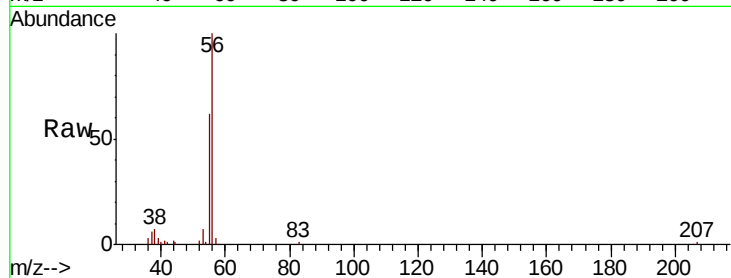
55 69.0 55.6 83.4

Manual Integrations

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#14

Allyl chloride

Concen: 46.632 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

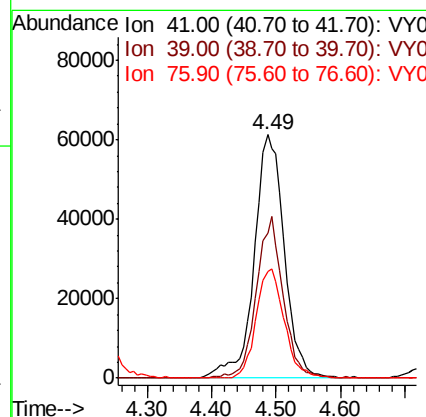
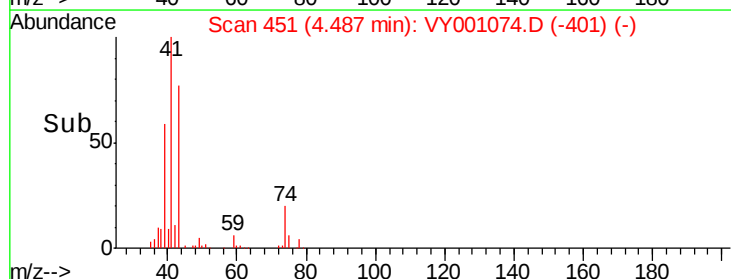
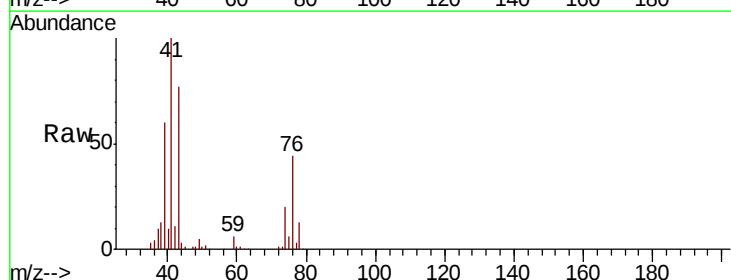
Tgt Ion: 41 Resp: 196618

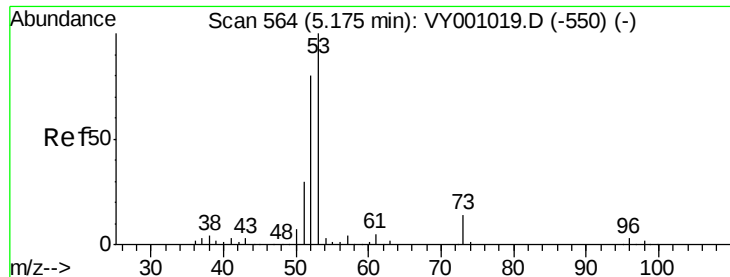
Ion Ratio Lower Upper

41 100

39 58.7 46.0 69.0

76 41.8 32.6 48.8





#15

Acrylonitrile

Concen: 232.671 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

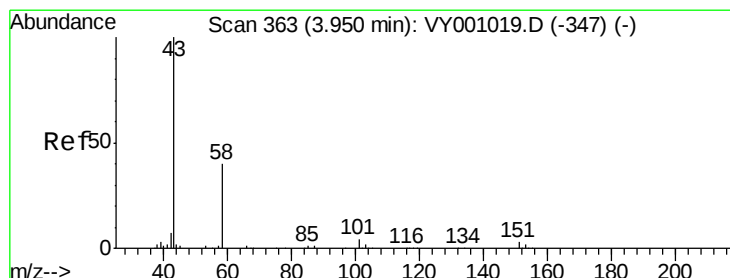
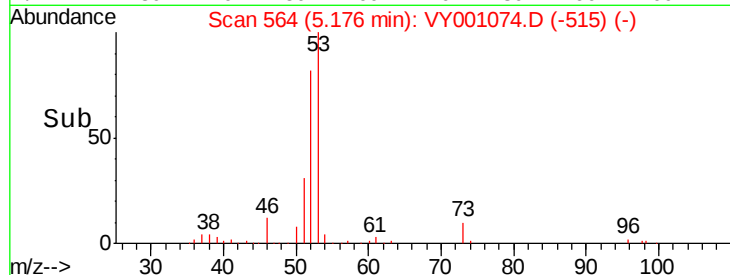
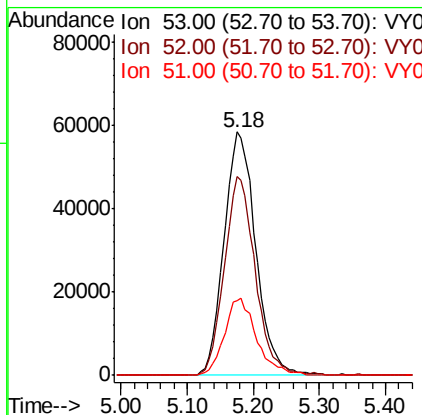
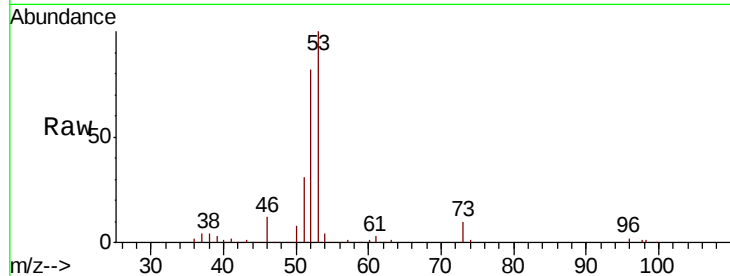
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	53	Resp:	193721
Ion Ratio	Lower	Upper	
53	100		
52	79.3	63.6	95.4
51	32.0	26.7	40.1

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#16

Acetone

Concen: 230.133 ug/l

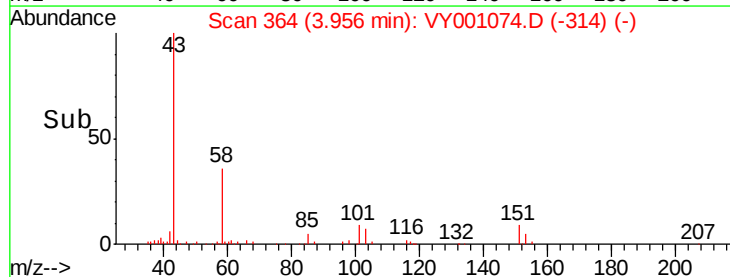
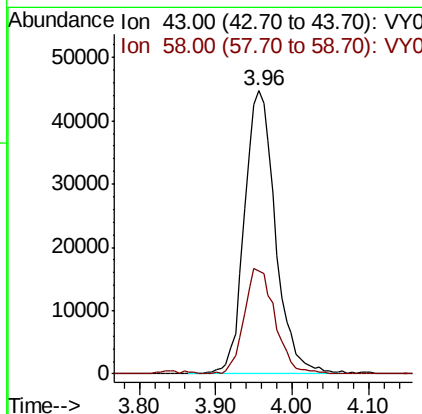
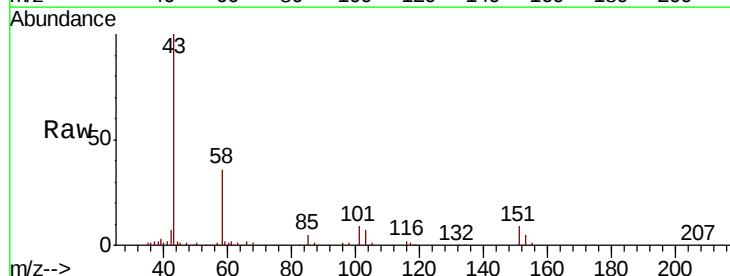
RT: 3.96 min Scan# 364

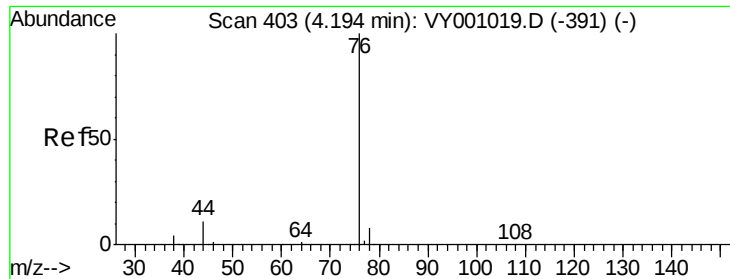
Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Tgt Ion:	43	Resp:	126328
Ion Ratio	Lower	Upper	
43	100		
58	36.1	32.1	48.1





#17

Carbon Disulfide

Concen: 39.020 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tot Ion: 76 Resp: 346072

Ion Ratio Lower Upper

76 100

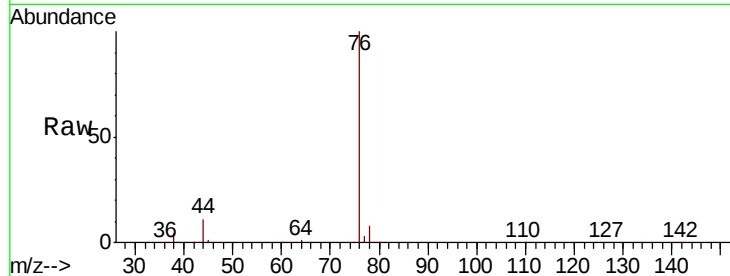
78 7.9 6.7 10.1

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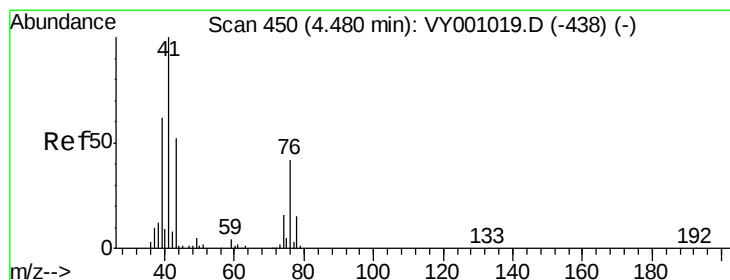
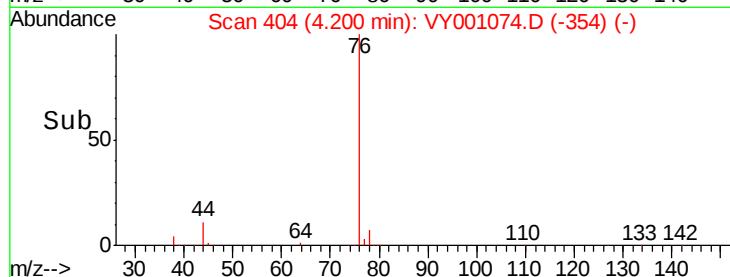
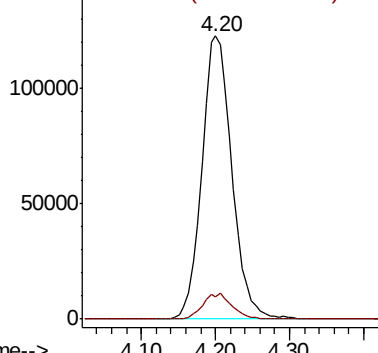
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 70.260 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY001074.D

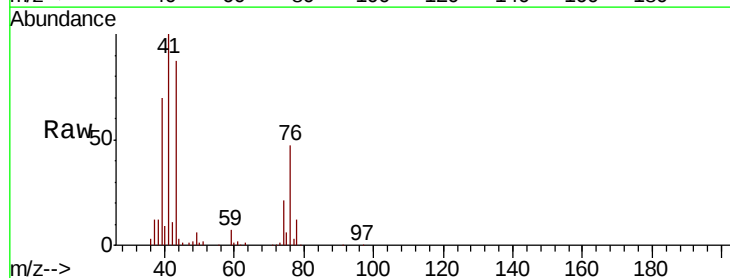
Acq: 26 Dec 2019 15:58

Tgt Ion: 43 Resp: 147968

Ion Ratio Lower Upper

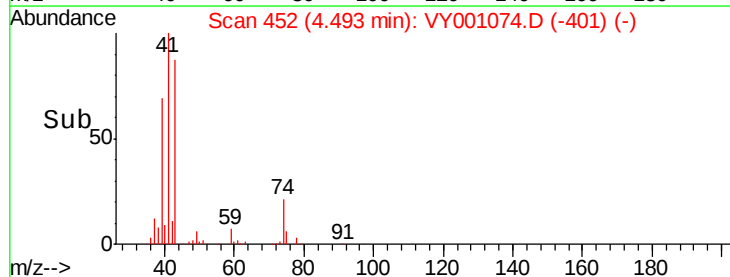
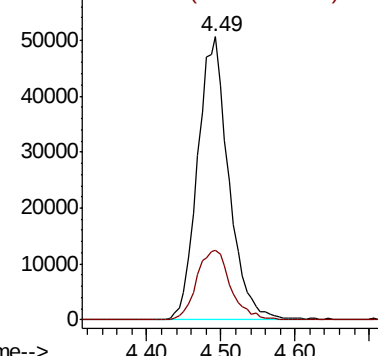
43 100

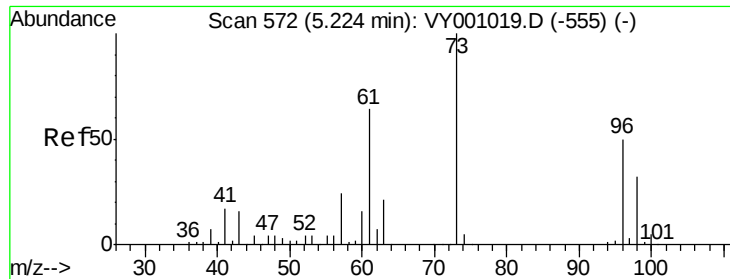
74 26.9 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





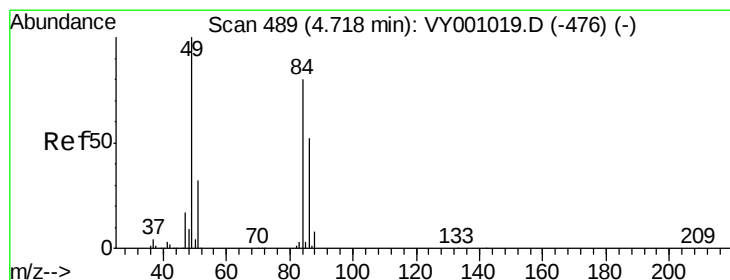
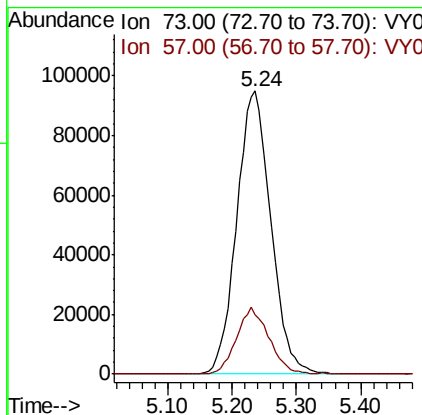
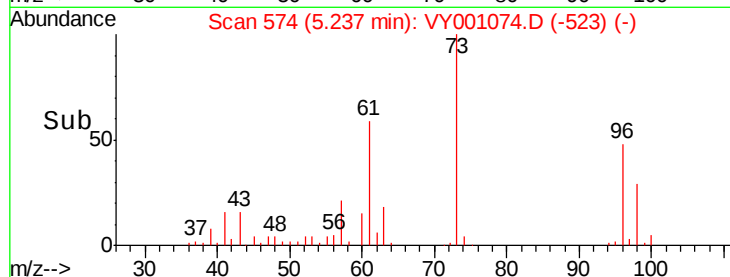
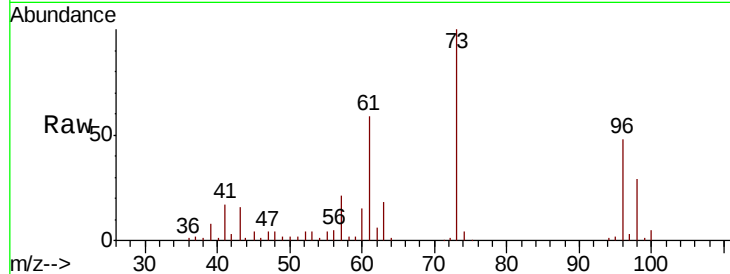
#19
Methvl tert-butvl Ether
Concen: 49.561 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion: 73 Resp: 347182
Ion Ratio Lower Upper
73 100
57 21.0 19.0 28.6

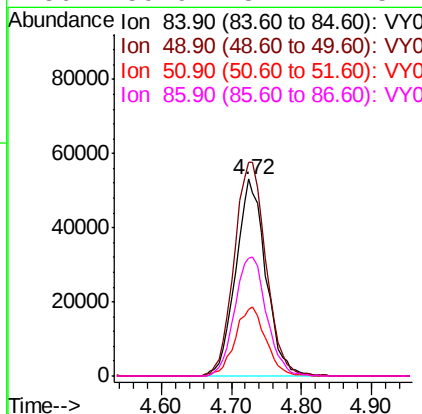
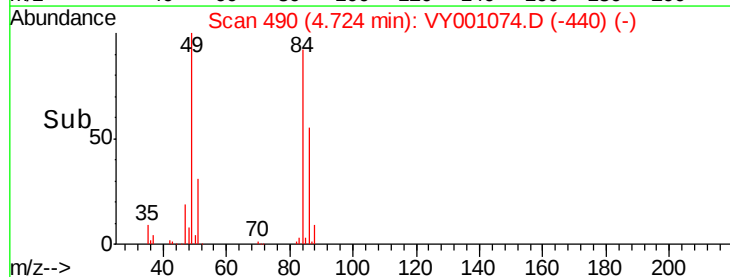
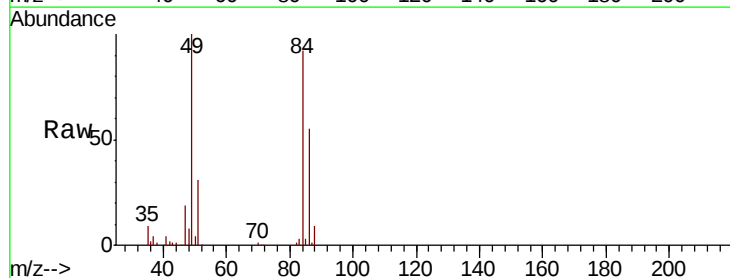
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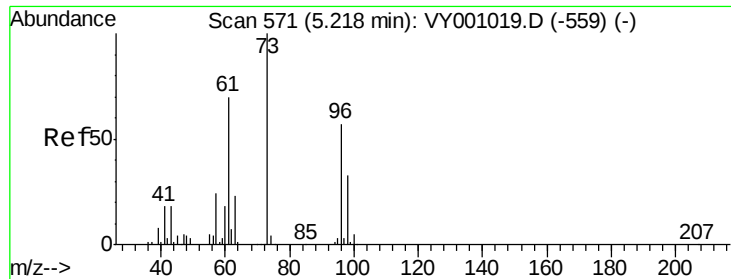
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#20
Methylene Chloride
Concen: 49.169 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 84 Resp: 158869
Ion Ratio Lower Upper
84 100
49 108.6 99.8 149.6
51 34.1 31.4 47.2
86 59.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 48.542 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

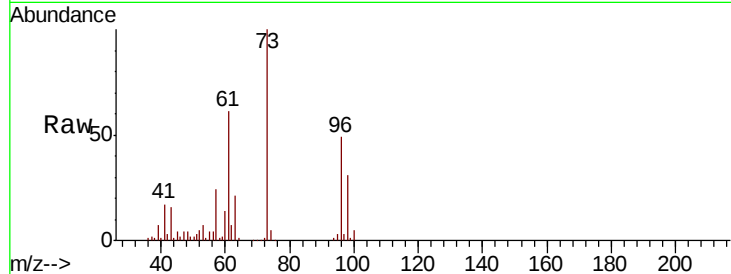
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	96	Resp:	146011
Ion Ratio	Lower	Upper	
96	100		
61	123.9	98.1	147.1
98	64.1	47.2	70.8

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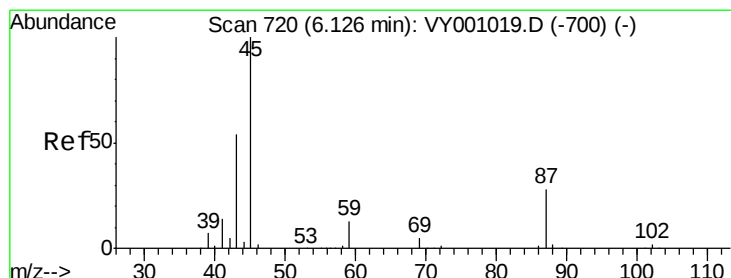
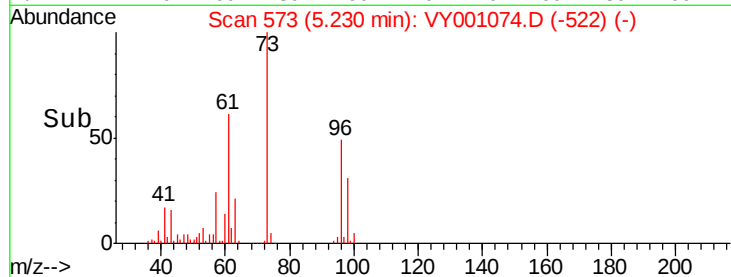
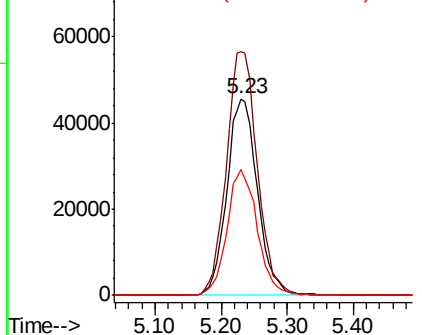


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 50.412 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Tgt Ion:	45	Resp:	429630
Ion Ratio	Lower	Upper	
45	100		
43	51.3	43.6	65.4
87	29.3	23.1	34.7
59	12.3	10.2	15.4

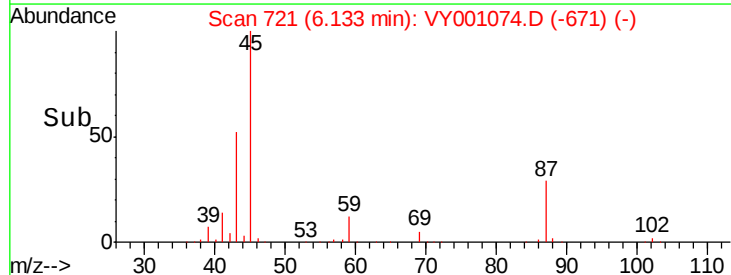
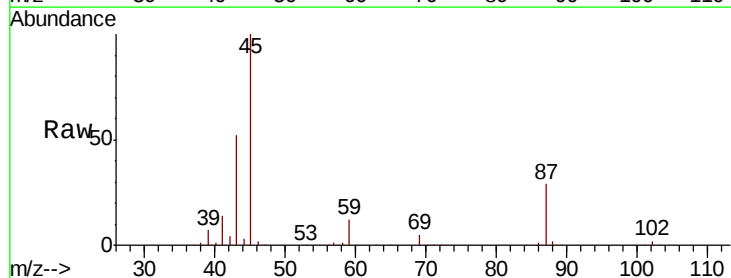
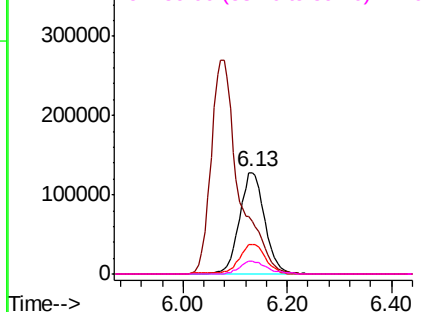
Abundance

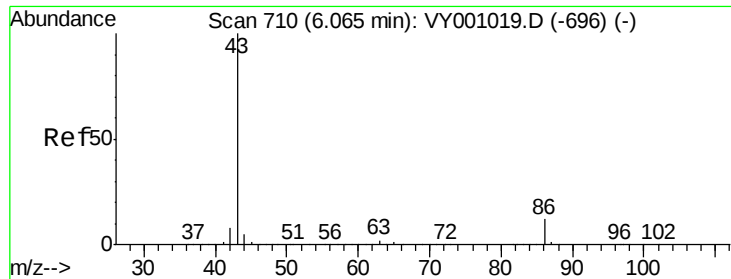
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 185.094 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tot Ion: 43 Resp: 996234

Ion Ratio Lower Upper

43 100

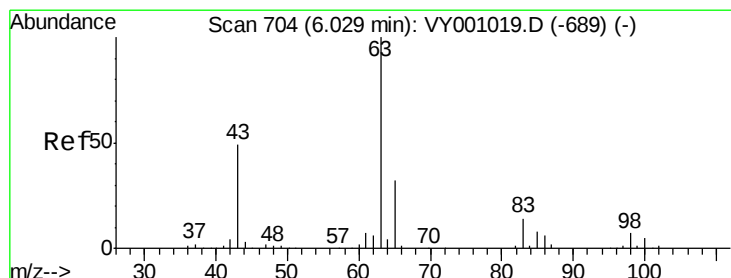
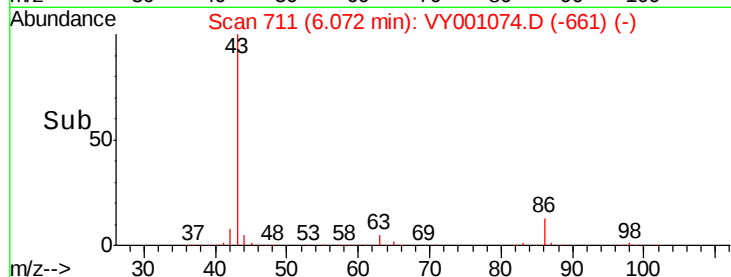
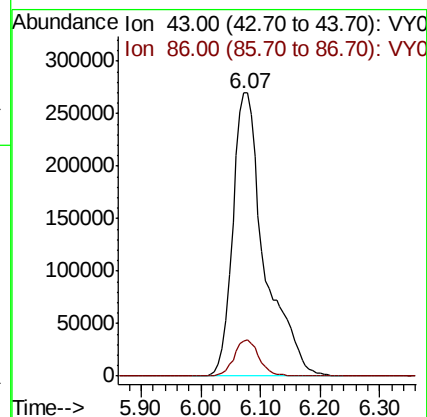
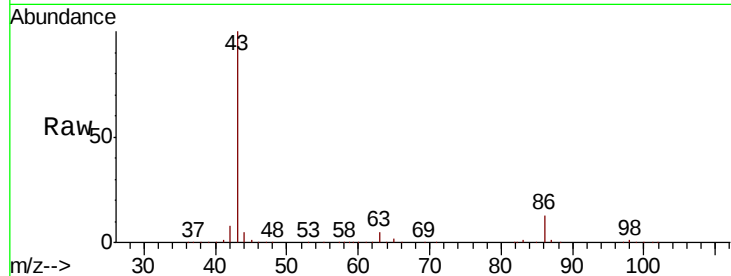
86 12.6 9.5 14.3

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#24

1,1-Dichloroethane

Concen: 50.598 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

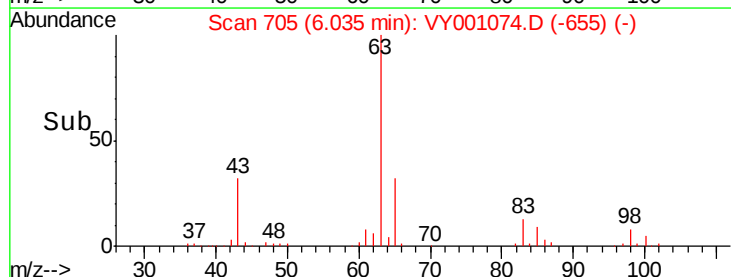
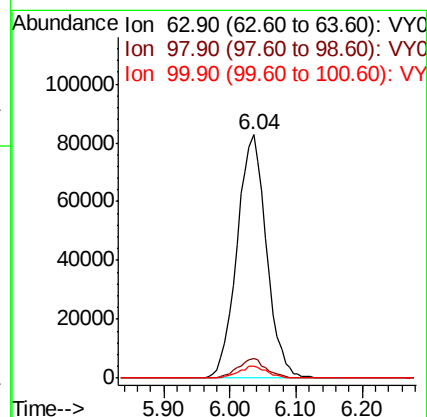
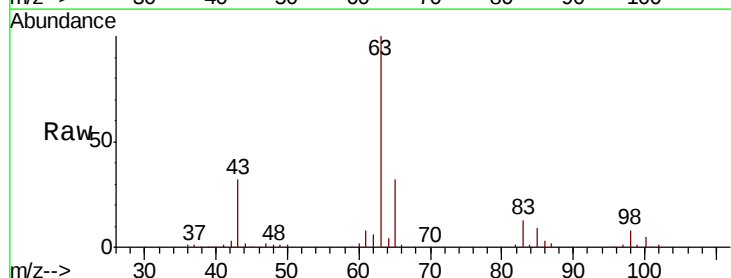
Tgt Ion: 63 Resp: 254828

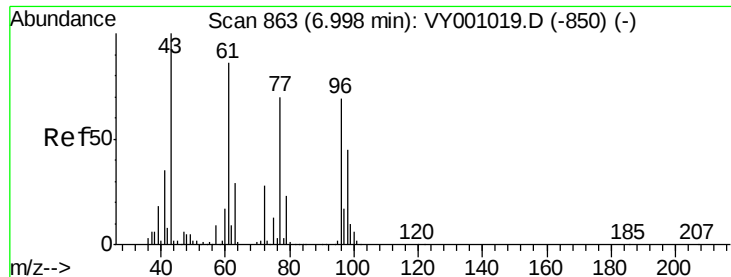
Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.2

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 220.992 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tot Ion: 43 Resp: 213111

Ion Ratio Lower Upper

43 100

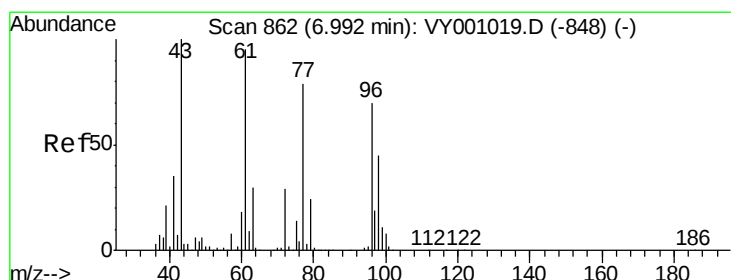
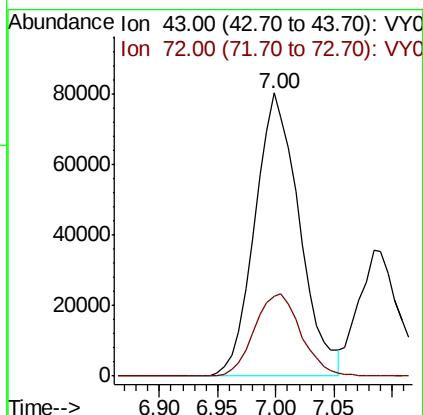
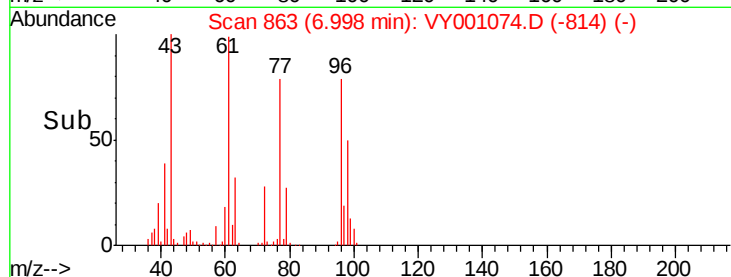
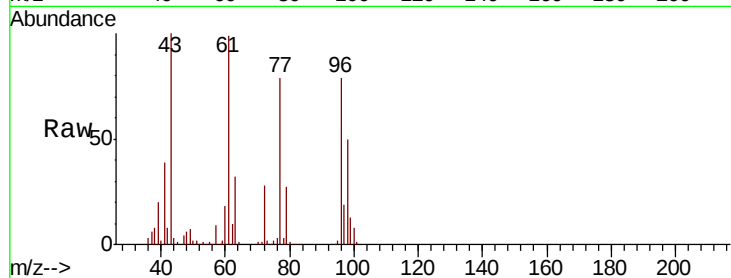
72 28.0 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 47.121 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001074.D

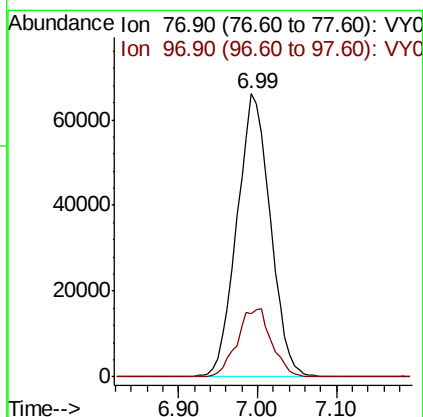
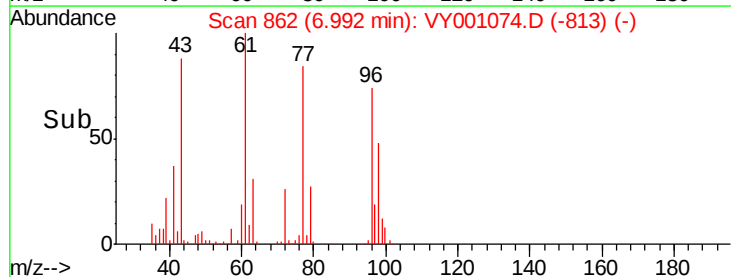
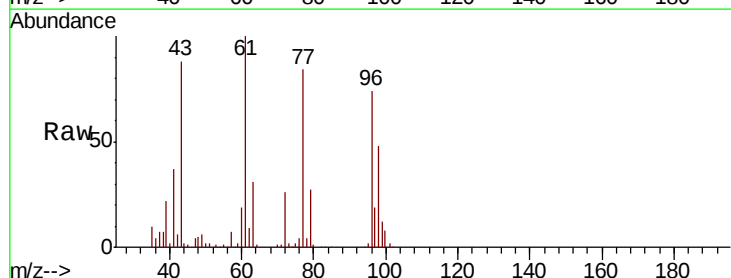
Acq: 26 Dec 2019 15:58

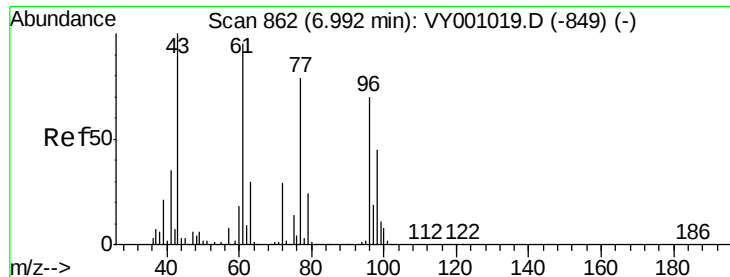
Tgt Ion: 77 Resp: 194977

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.1





#27

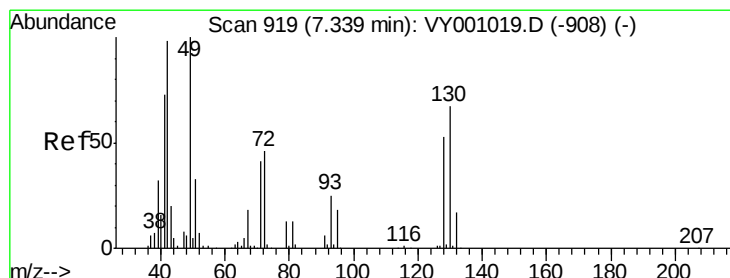
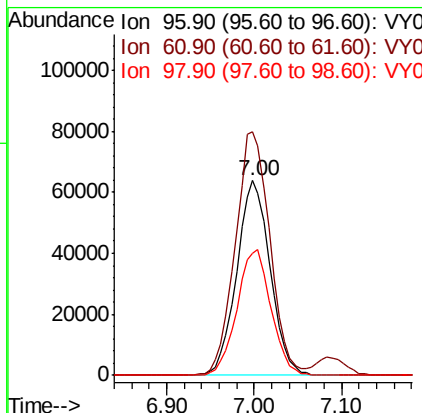
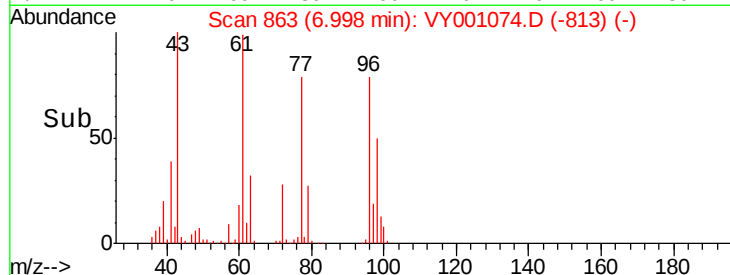
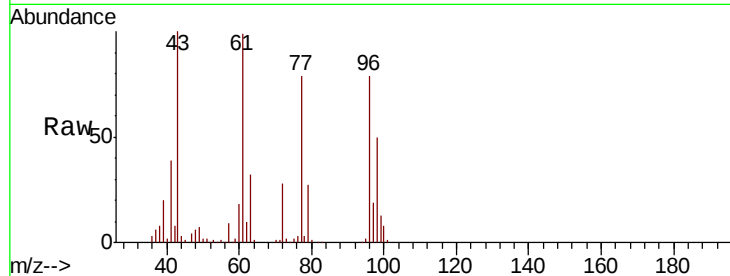
cis-1,2-Dichloroethene
Concen: 51.282 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	169470		
61	129.8	0.0	268.2	
98	65.6	0.0	129.2	

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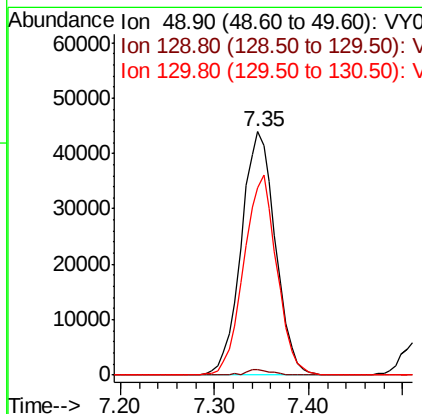
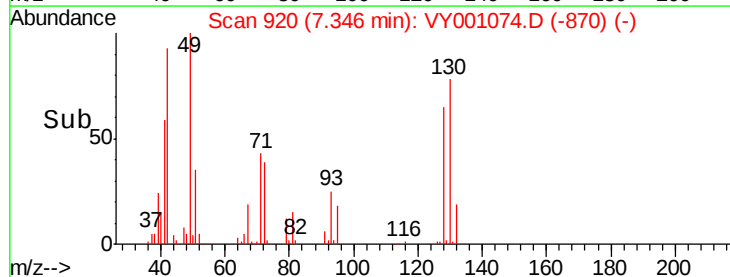
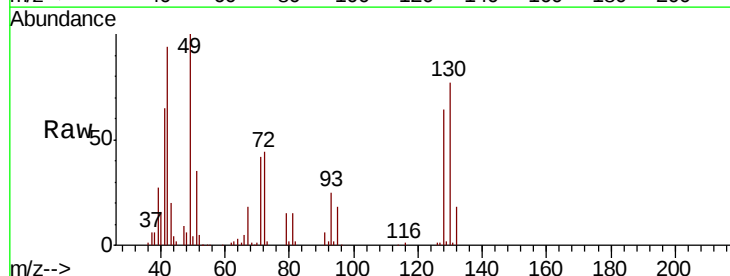
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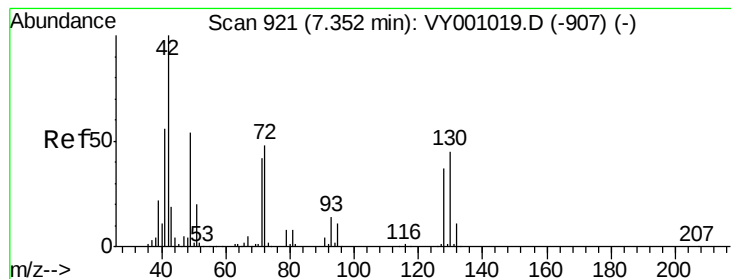


#28

Bromochloromethane
Concen: 56.718 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111455		
129	1.9	0.0	3.8	
130	79.6	60.4	90.6	





#29

Tetrahydrofuran

Concen: 219.687 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

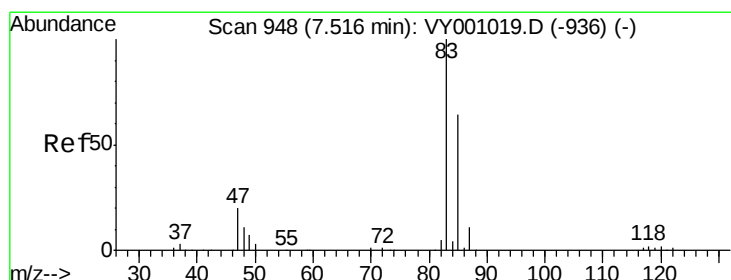
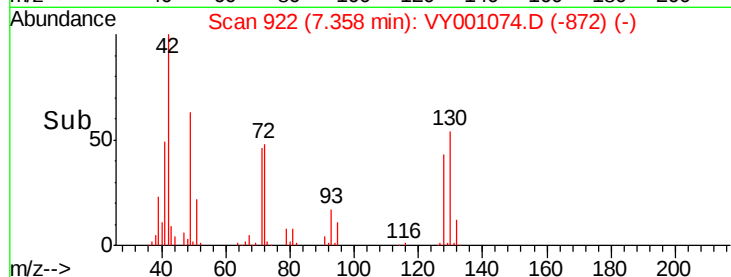
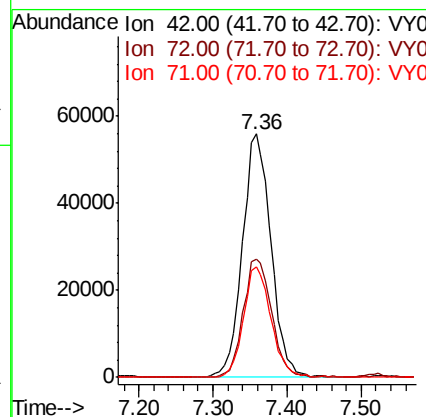
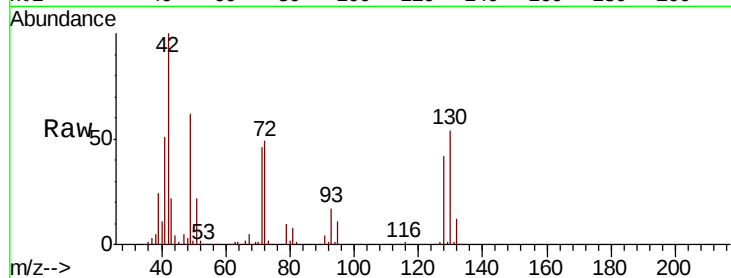
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	42	Resp:	150696
Ion	Ratio	Lower	Upper
42	100		
72	48.4	37.7	56.5
71	43.7	34.6	51.8

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#30

Chloroform

Concen: 52.586 ug/l

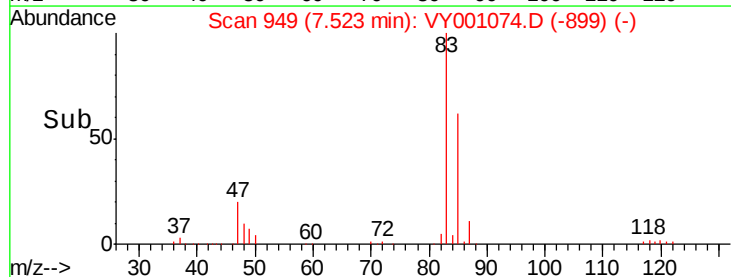
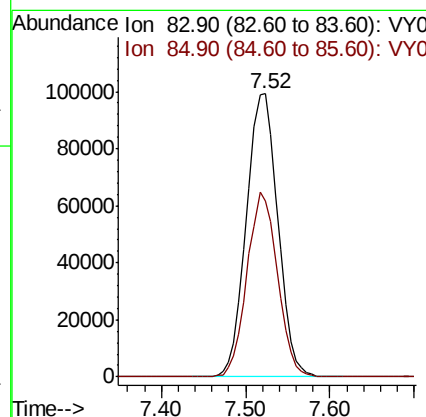
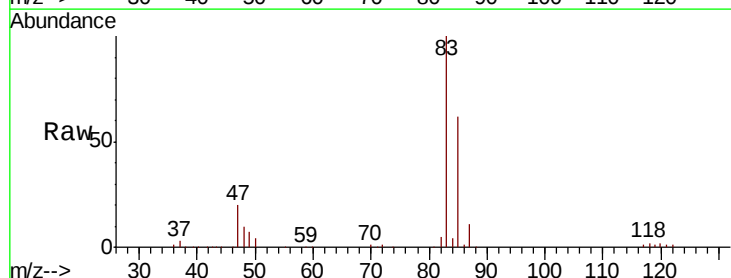
RT: 7.52 min Scan# 949

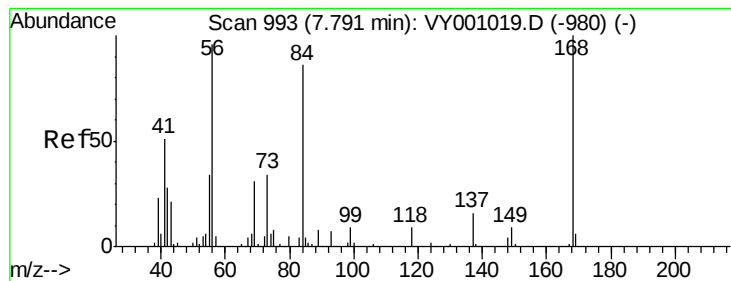
Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Tgt Ion:	83	Resp:	250433
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.6	77.4





#31

Cyclohexane

Concen: 42.990 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tot Ion: 56 Resp: 227674

Ion Ratio Lower Upper

56 100

69 33.0 26.1 39.1

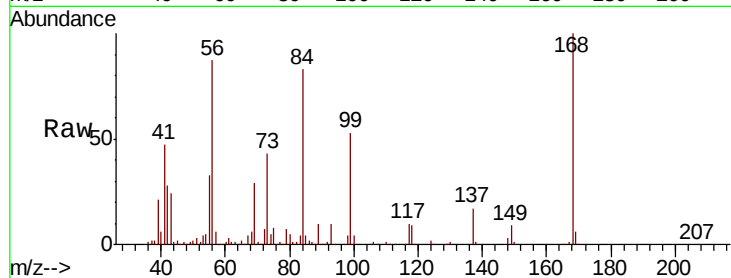
84 93.1 71.8 107.8

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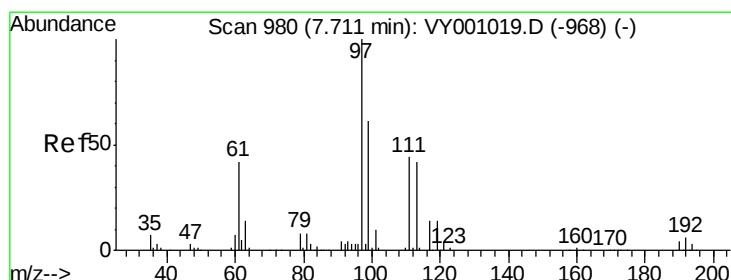
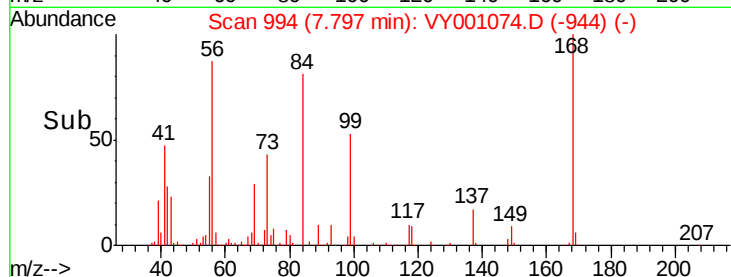
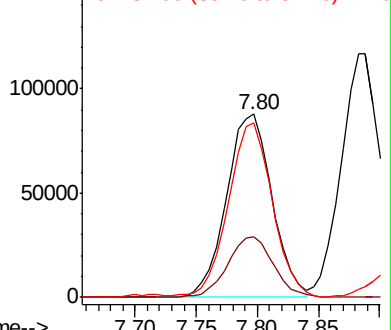


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 49.651 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

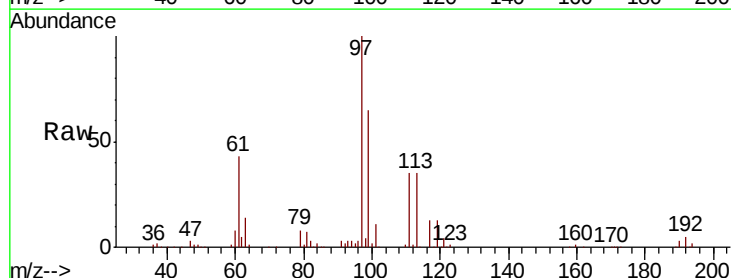
Tgt Ion: 97 Resp: 201706

Ion Ratio Lower Upper

97 100

99 64.8 50.6 76.0

61 41.3 33.0 49.6

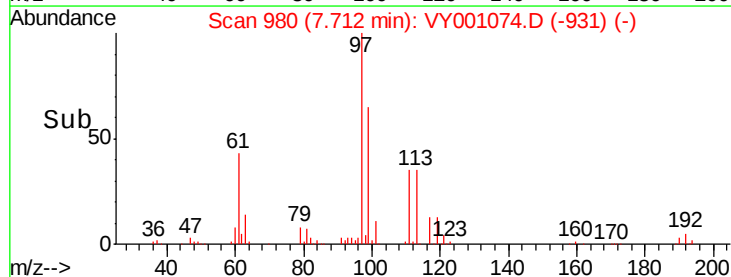
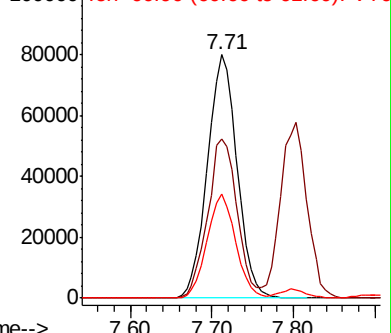


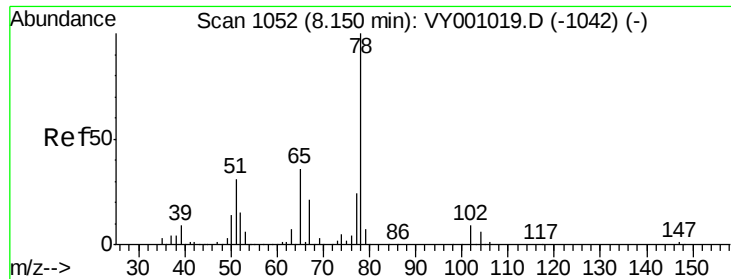
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





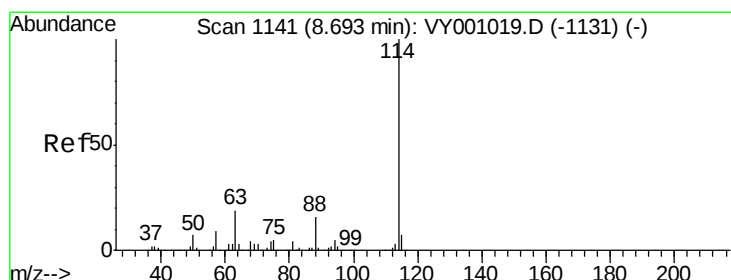
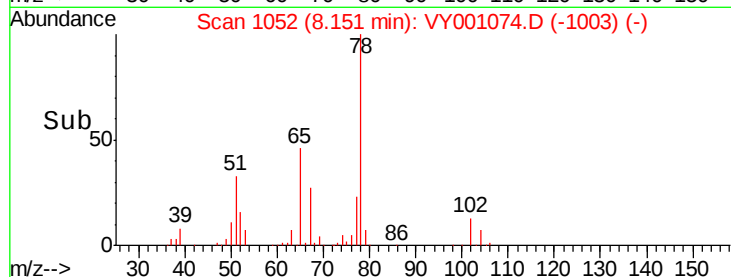
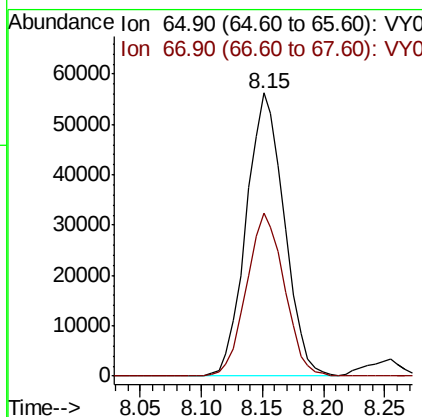
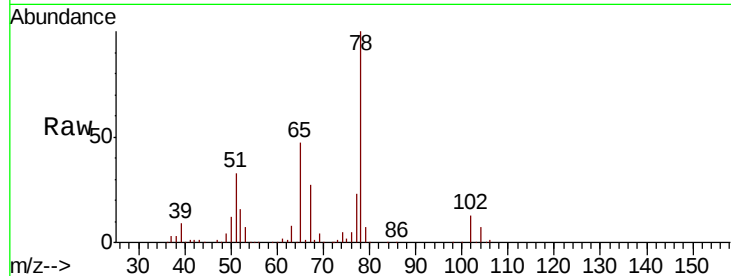
#33
 1,2-Dichloroethane-d4
 Concen: 51.079 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	121712		
67	57.4	0.0	112.8	

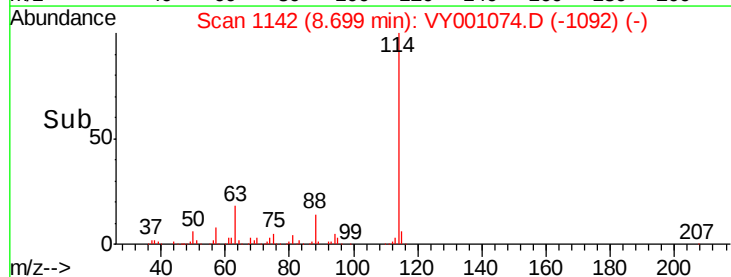
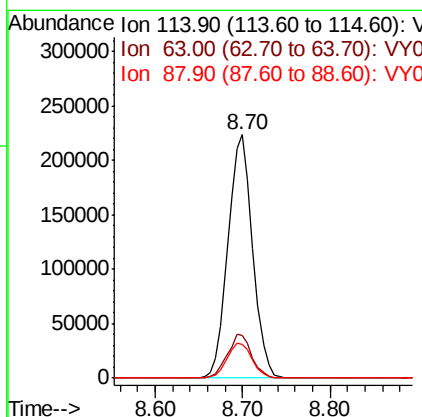
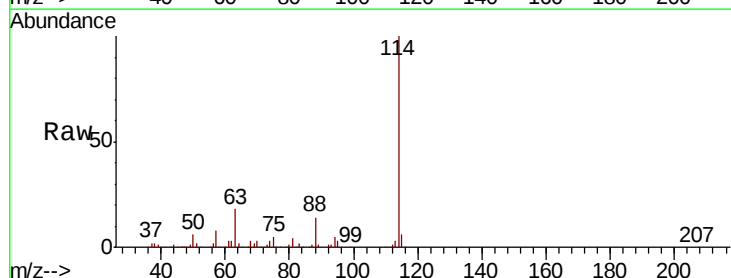
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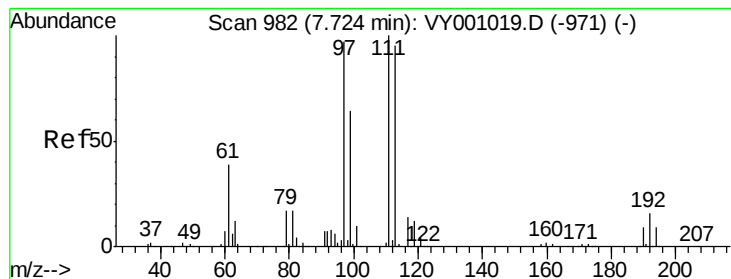
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	435883		
63	17.6	0.0	37.0	
88	13.7	0.0	32.0	





#35

Dibromofluoromethane

Concen: 50.997 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

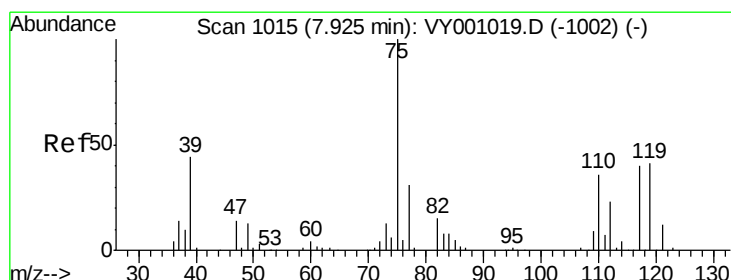
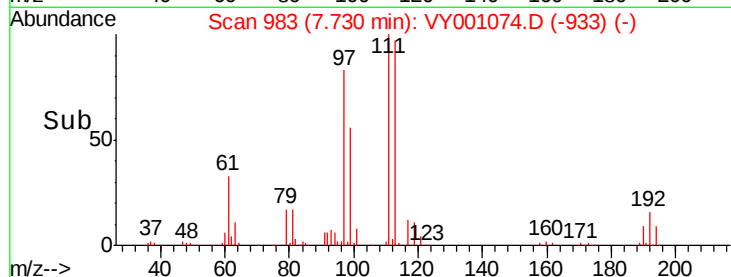
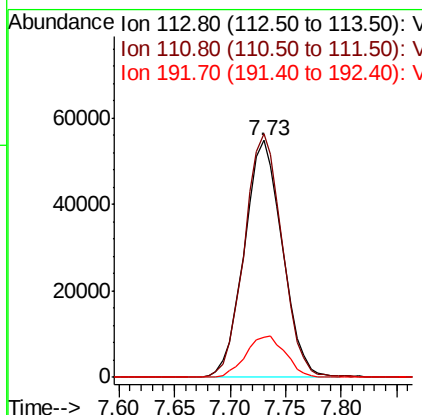
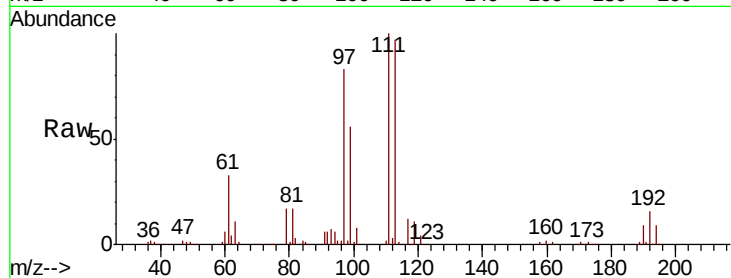
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	113	Resp:	130895
Ion Ratio	Lower	Upper	
113	100		
111	101.8	83.0	124.4
192	18.2	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 46.926 ug/l

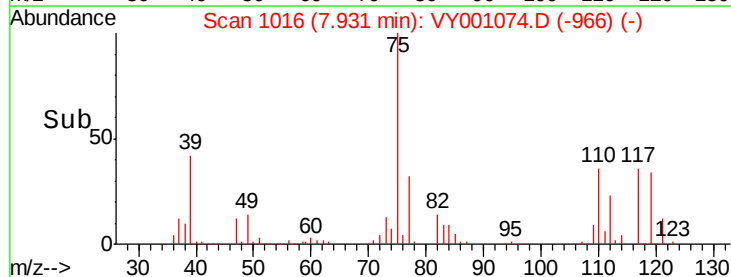
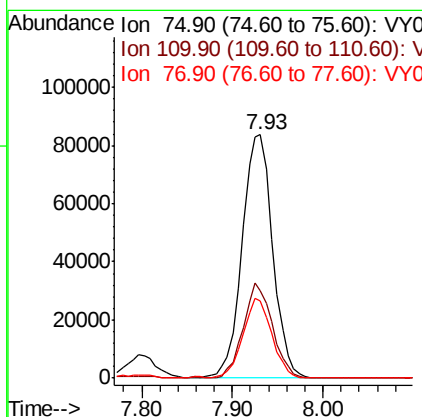
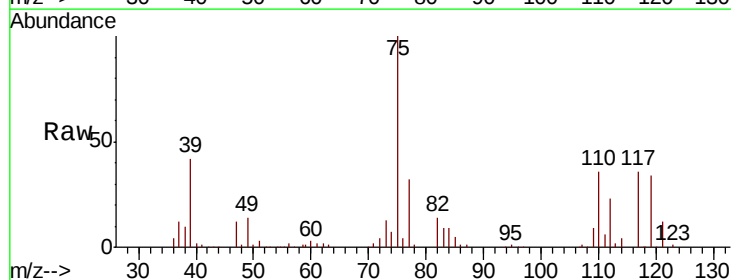
RT: 7.93 min Scan# 1016

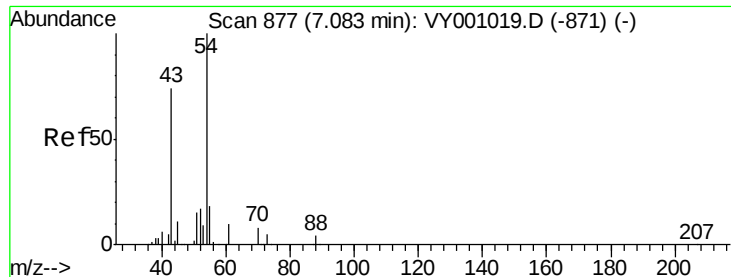
Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Tgt Ion:	75	Resp:	195130
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.1	54.4
77	31.2	24.6	37.0





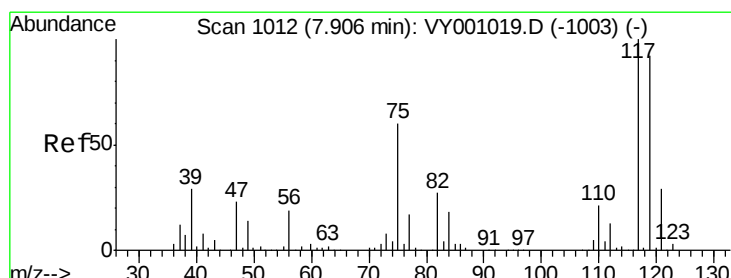
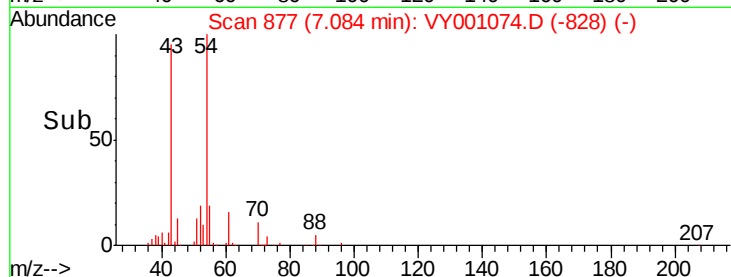
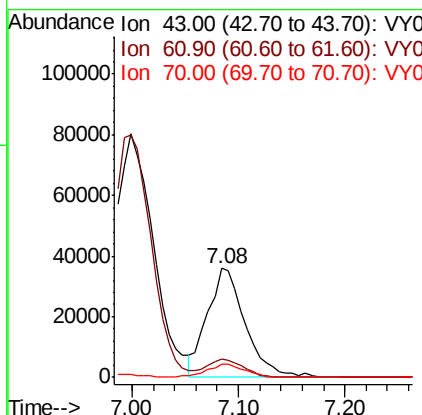
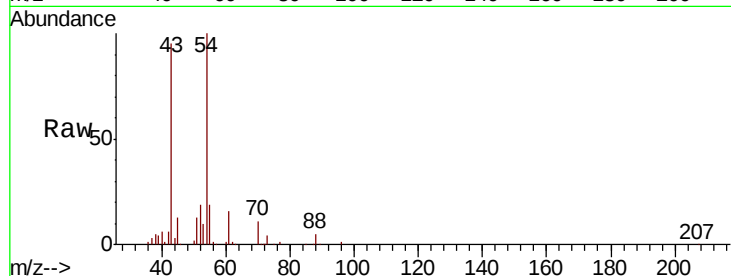
#37
Ethyl Acetate
Concen: 38.029 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	43	Resp	87562
Ion Ratio	Lower	Upper	
43	100		
61	16.1	12.5	18.7
70	12.3	9.0	13.4

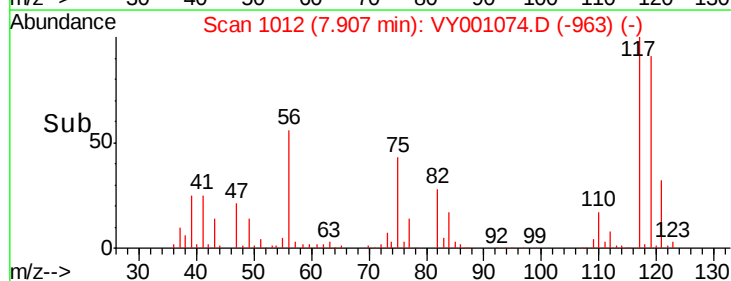
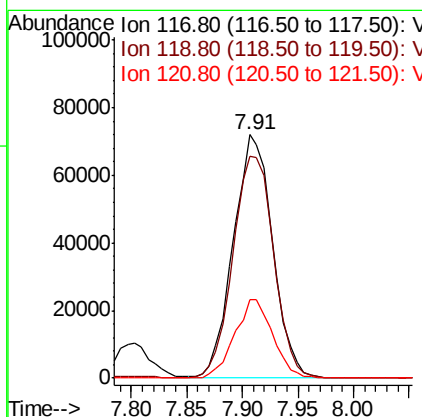
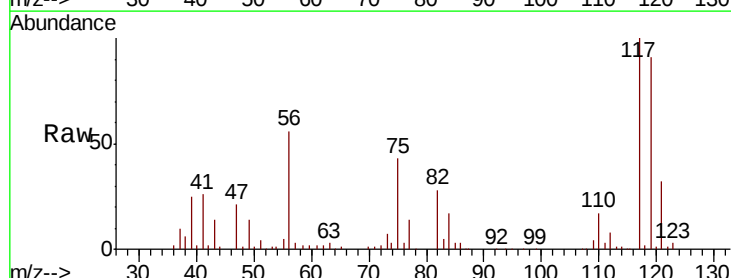
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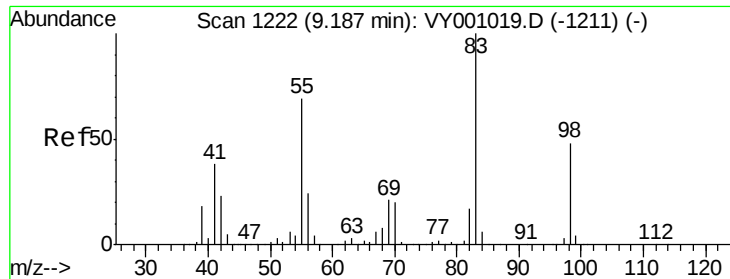
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#38
Carbon Tetrachloride
Concen: 48.493 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	117	Resp	176673
Ion Ratio	Lower	Upper	
117	100		
119	91.2	74.2	111.2
121	32.1	22.9	34.3





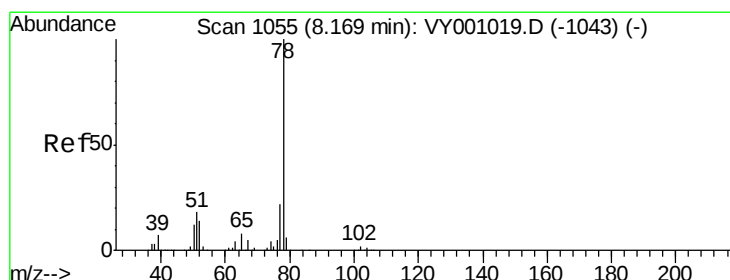
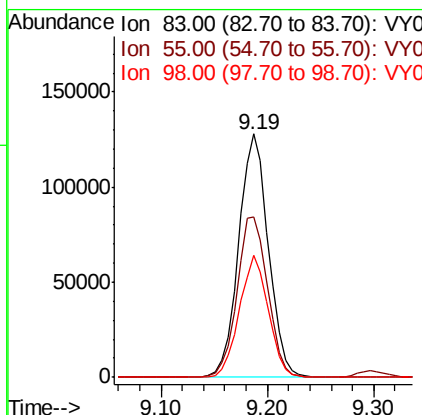
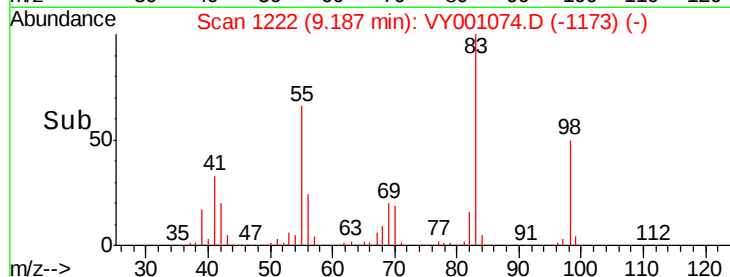
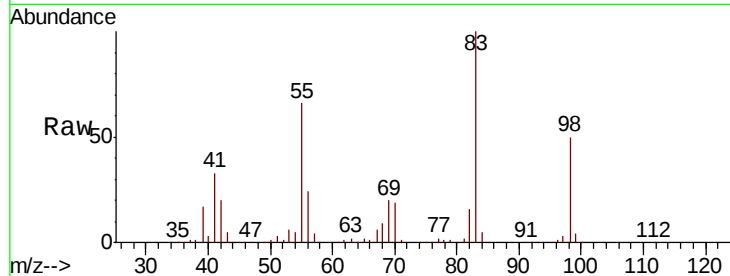
#39
Methvlcvclohexane
Concen: 45.250 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.6	55.1	82.7
98	50.0	38.3	57.5

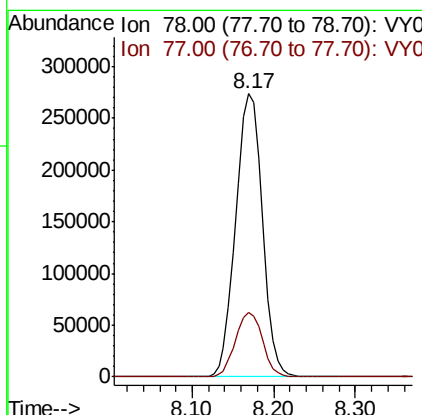
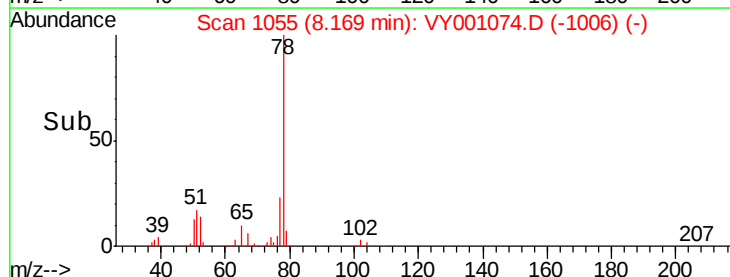
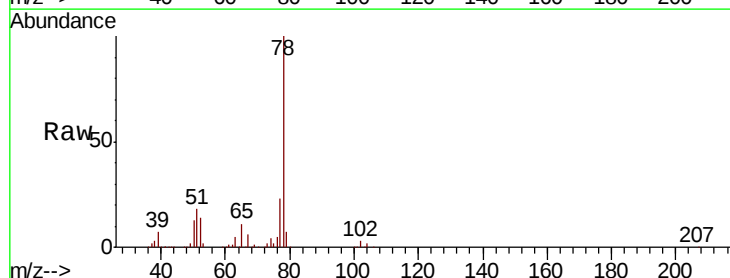
Manual Integrations
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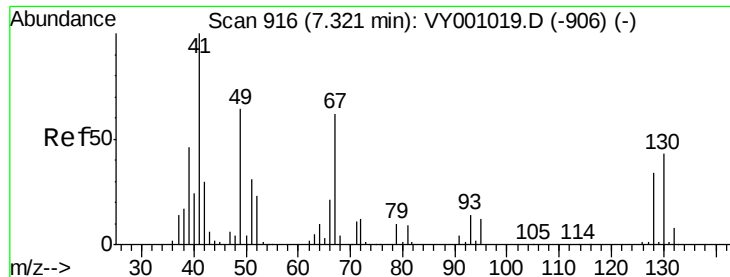
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#40
Benzene
Concen: 49.184 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	17.7	26.5





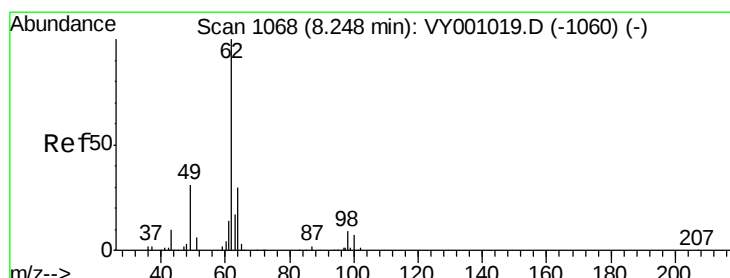
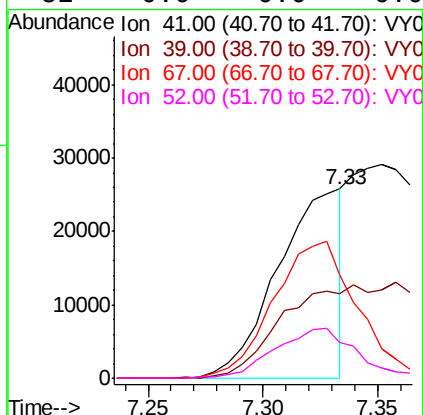
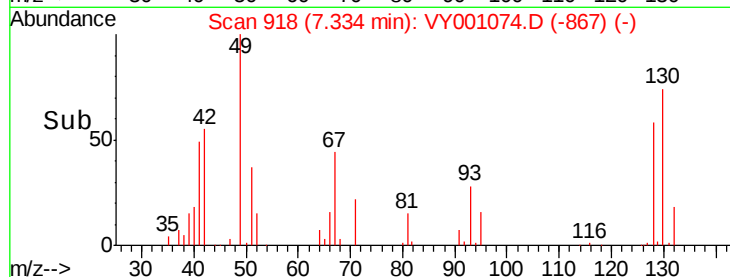
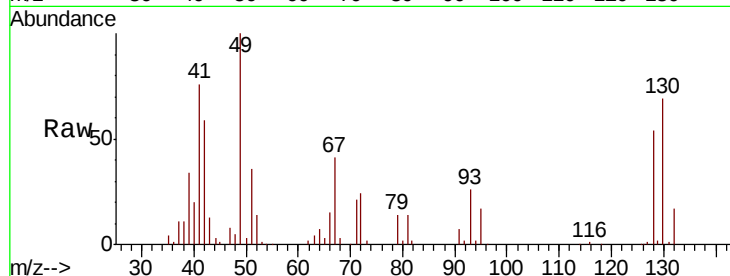
#41
Methacrylonitrile
Concen: 51.547 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

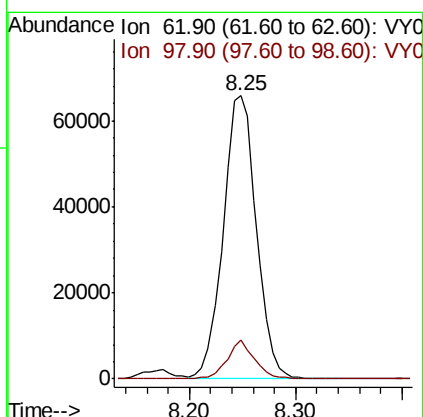
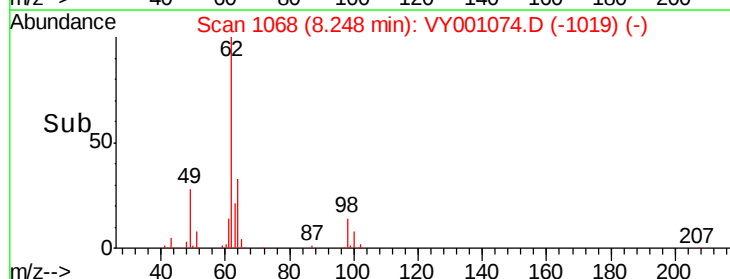
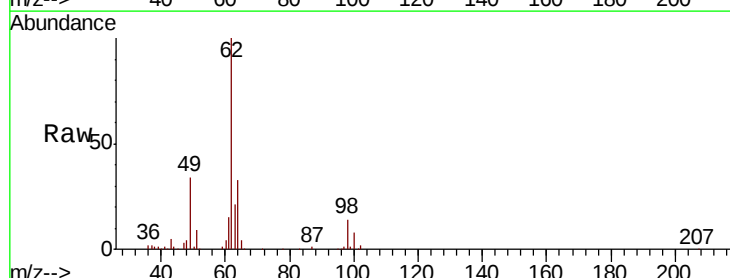
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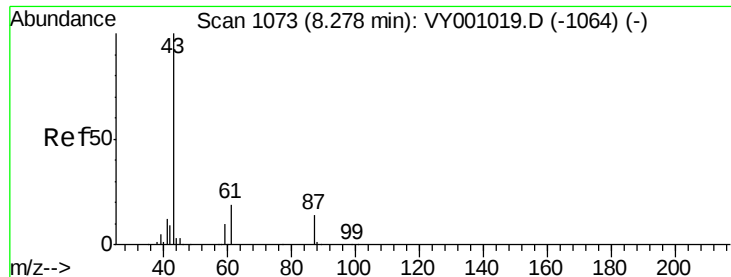
apatel
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#42
1,2-Dichloroethane
Concen: 47.618 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	23.4





#43

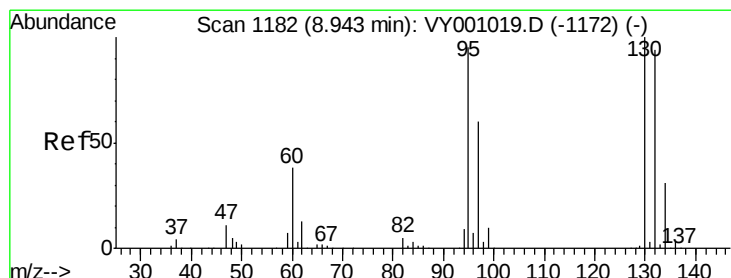
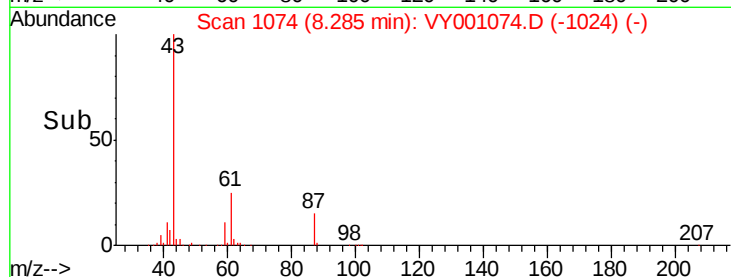
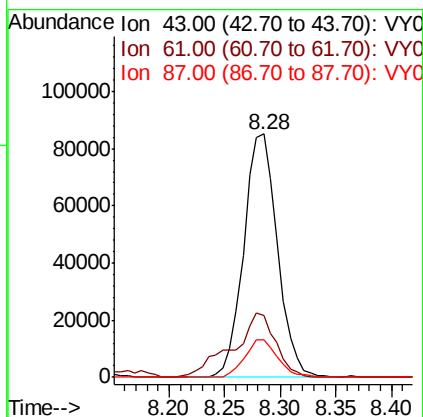
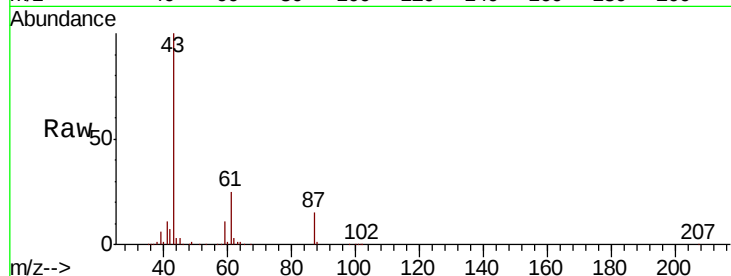
Isopropyl Acetate
 Concen: 42.102 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. 0.01 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion	43	61	87
Resp	179449		
Ratio	100	33.8	15.3
Lower		25.0	12.0
Upper		37.6	18.0

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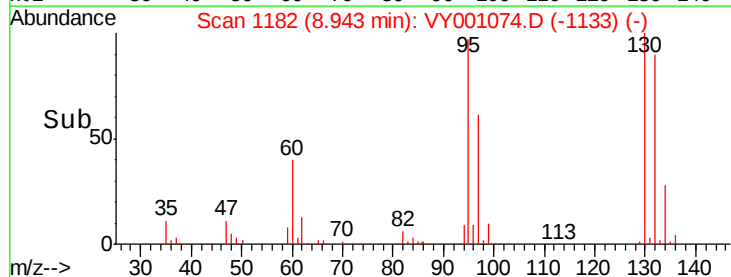
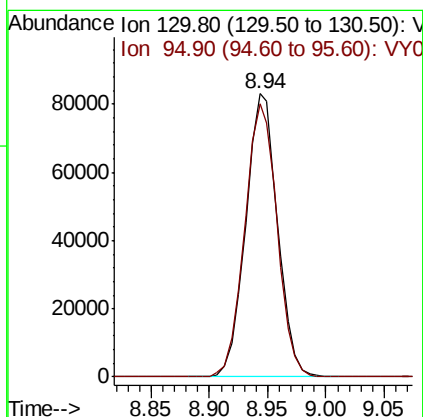
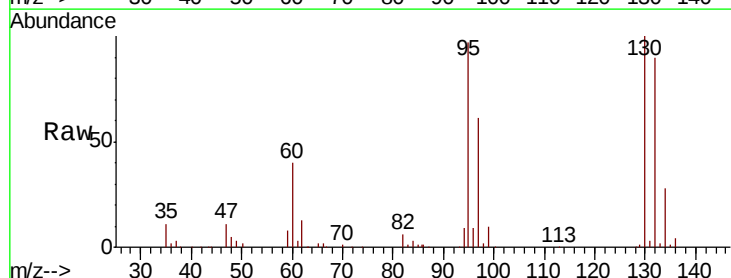
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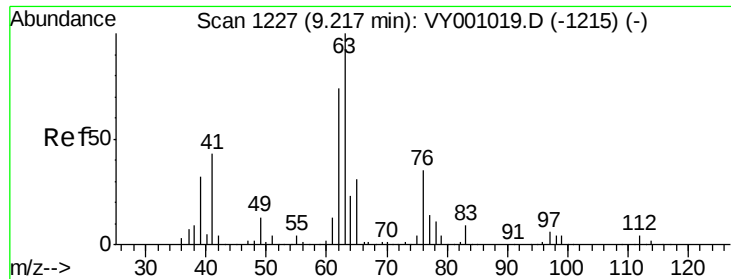


#44

Trichloroethene
 Concen: 47.978 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Tgt Ion	130	95
Resp	158585	
Ratio	100	96.6
Lower		0.0
Upper		190.6





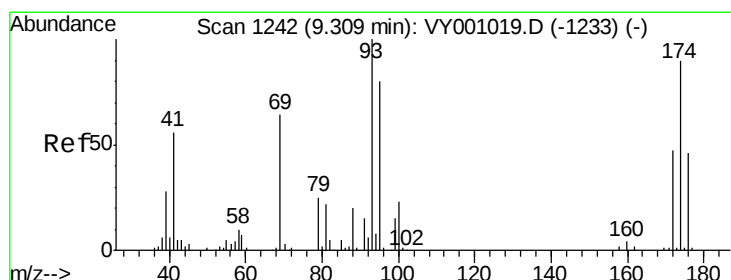
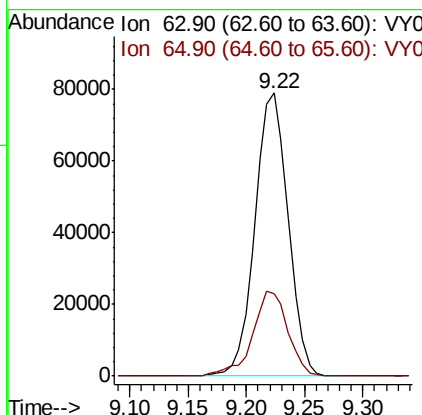
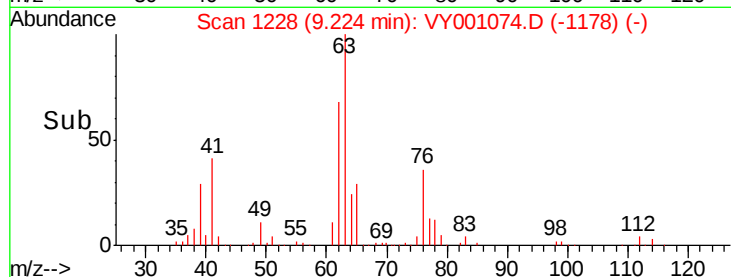
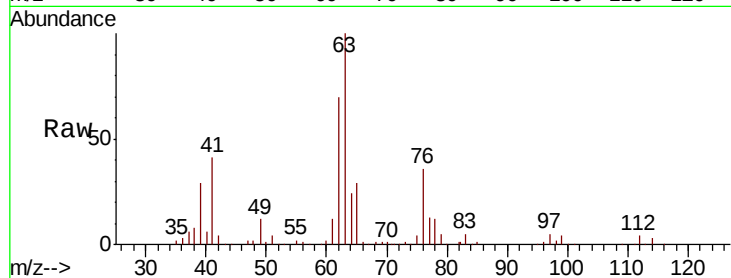
#45
 1,2-Dichloropropane
 Concen: 49.641 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion: 63 Resp: 156227
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.1 37.7

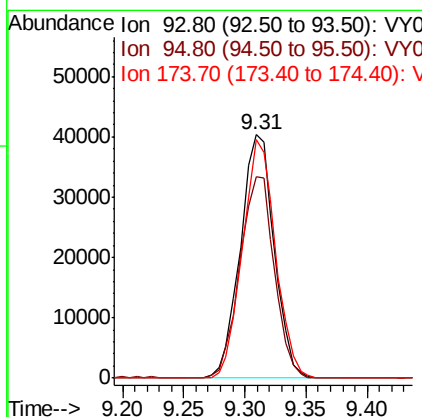
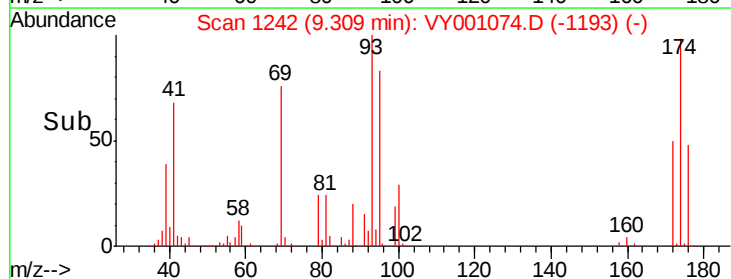
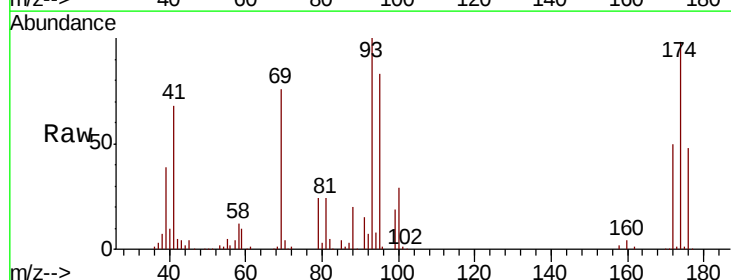
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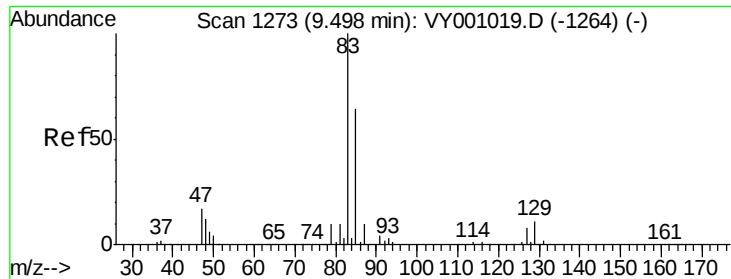
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#46
 Dibromomethane
 Concen: 47.707 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Tgt Ion: 93 Resp: 77395
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.7 100.1
 174 95.5 73.6 110.4





#47

Bromodichloromethane

Concen: 50.310 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

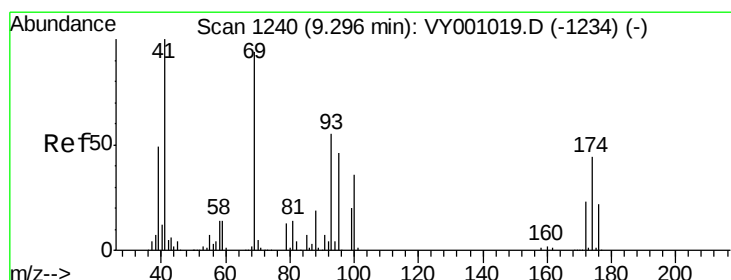
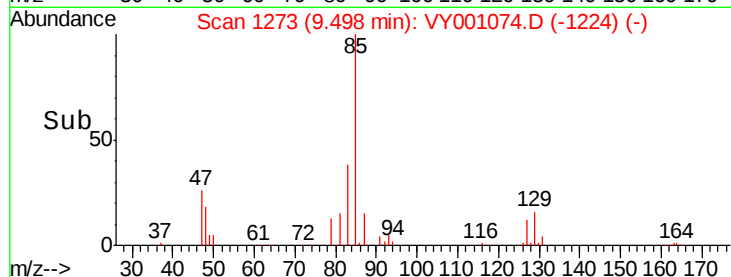
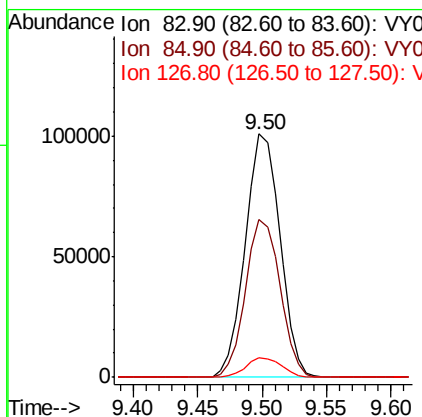
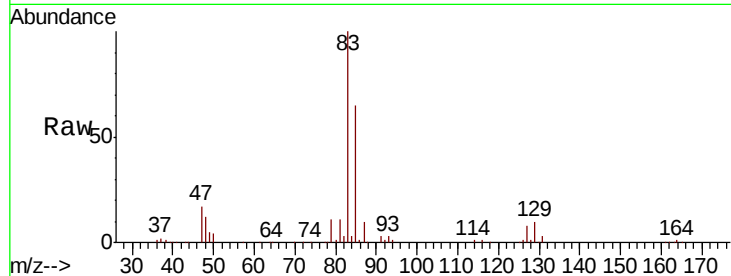
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	83	Resp:	189057
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.9	76.3
127	8.0	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.886 ug/l

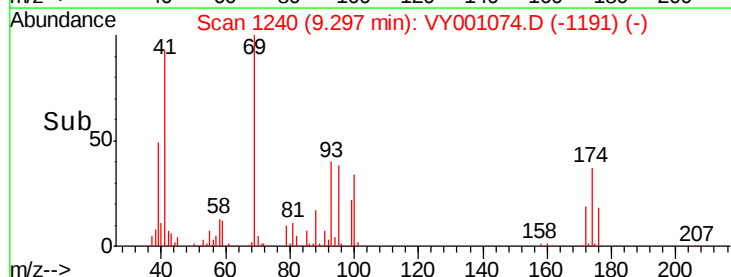
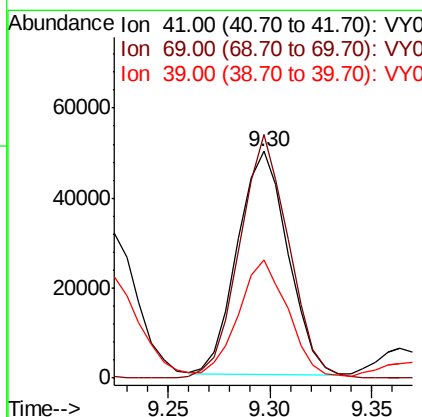
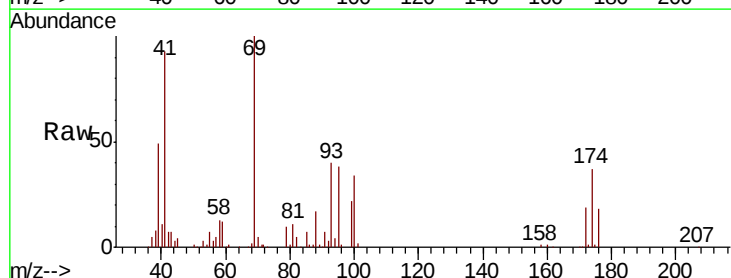
RT: 9.30 min Scan# 1240

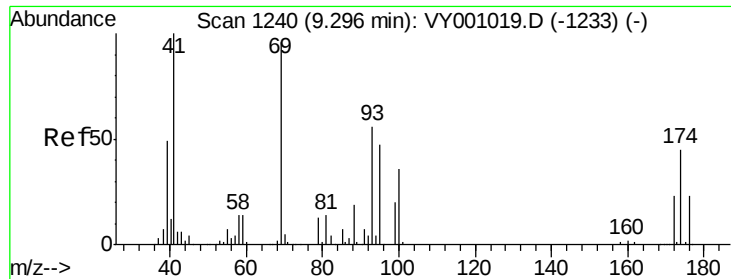
Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Tgt Ion:	41	Resp:	85280
Ion Ratio	Lower	Upper	
41	100		
69	106.2	79.8	119.6
39	53.1	41.7	62.5





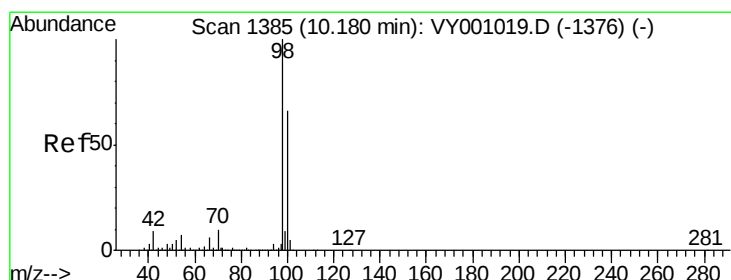
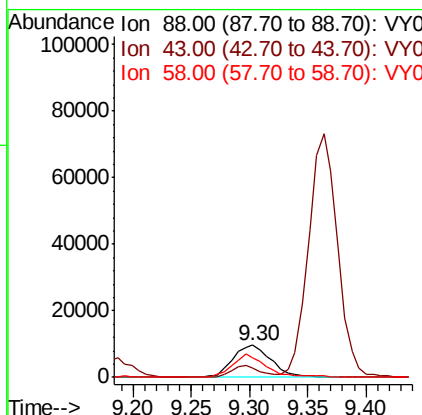
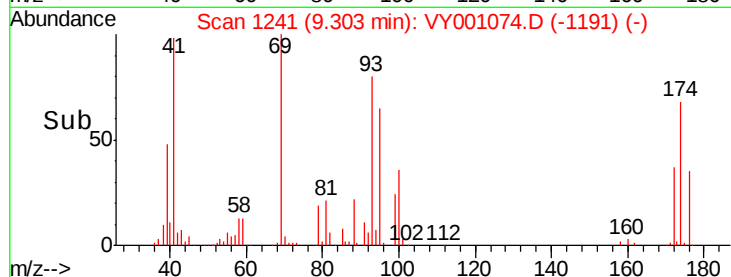
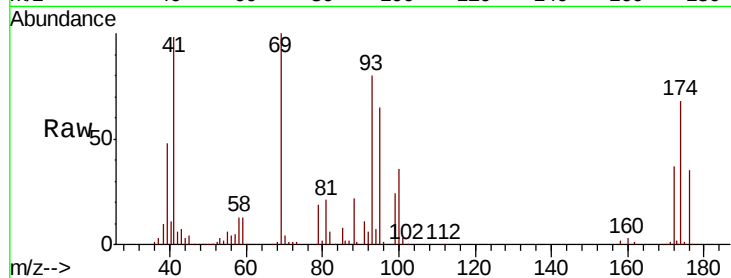
#49
1,4-Dioxane
Concen: 940.097 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.1	23.0	34.4
58	64.9	54.9	82.3

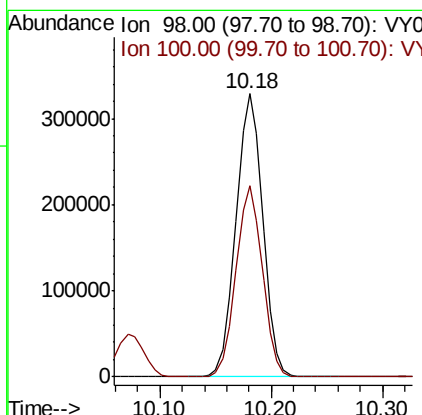
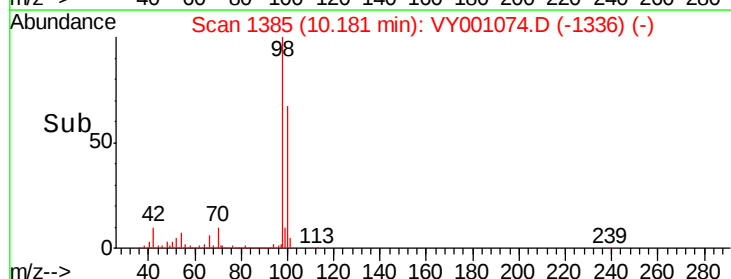
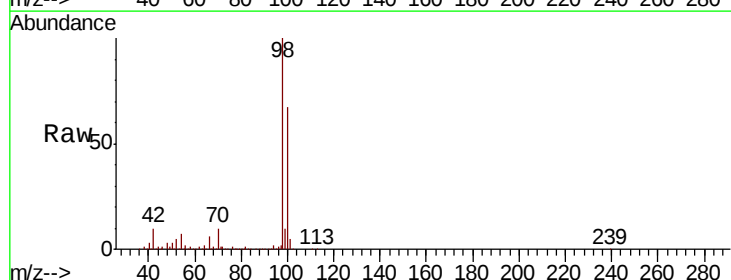
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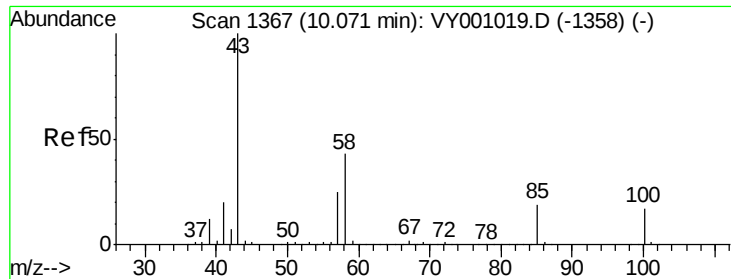
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#50
Toluene-d8
Concen: 54.482 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4





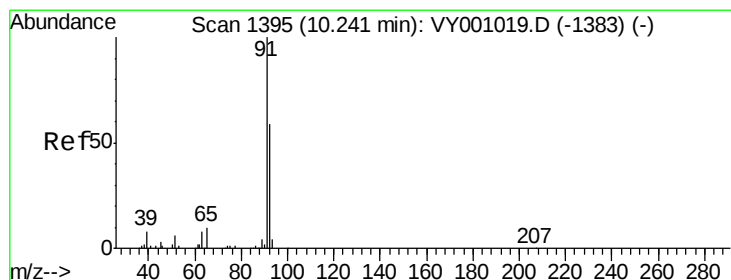
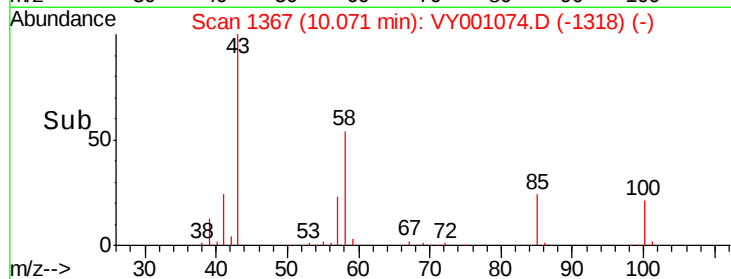
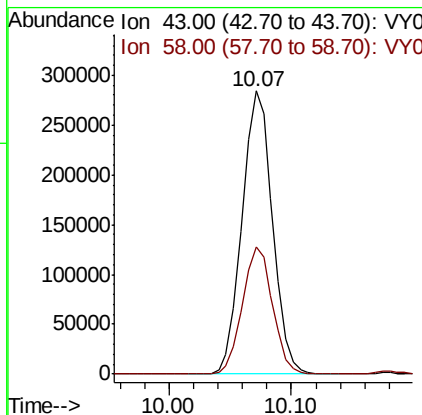
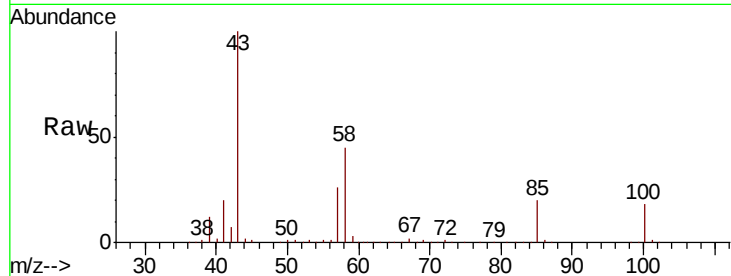
#51
4-Methyl-2-Pentanone
Concen: 220.592 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	43	58	Ratio	Lower	Upper
430059	100	44.5		34.6	52.0

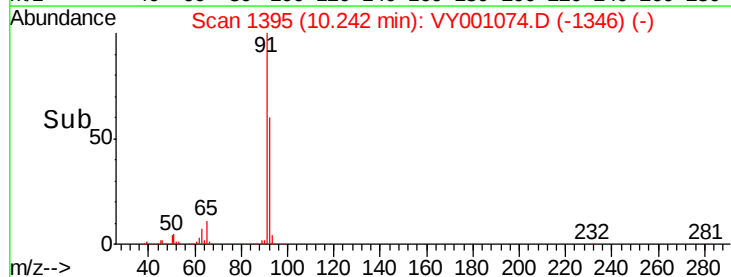
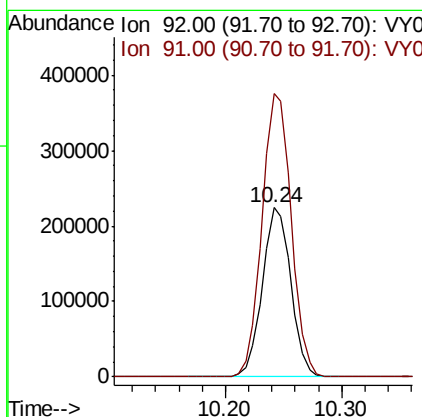
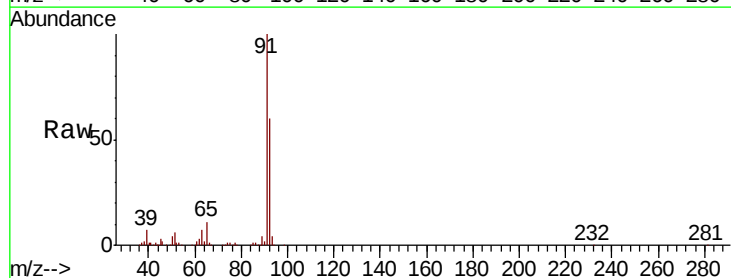
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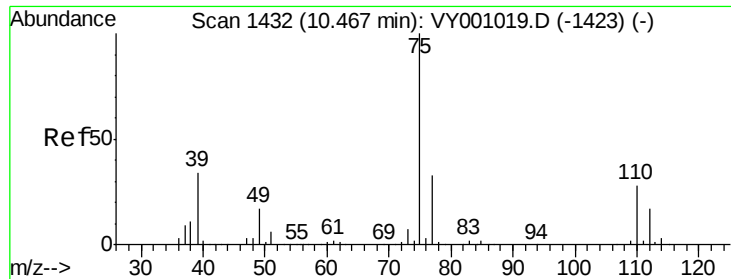
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#52
Toluene
Concen: 49.631 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	92	91	Ratio	Lower	Upper
383219	100	171.3		135.7	203.5





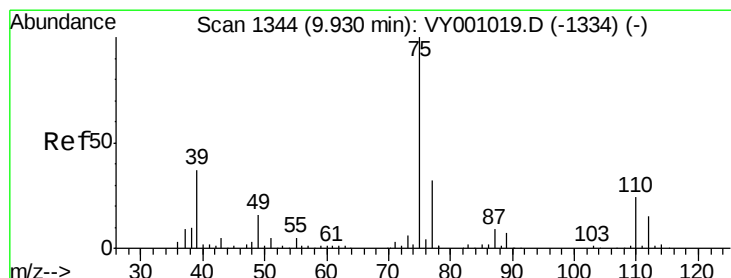
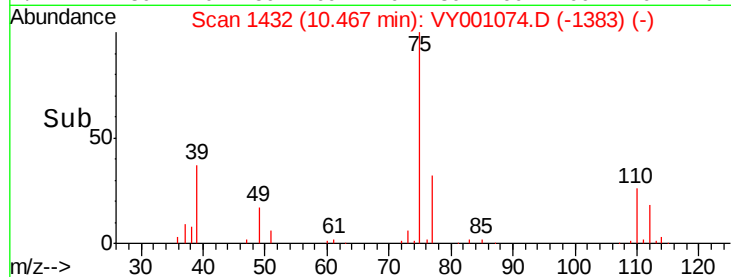
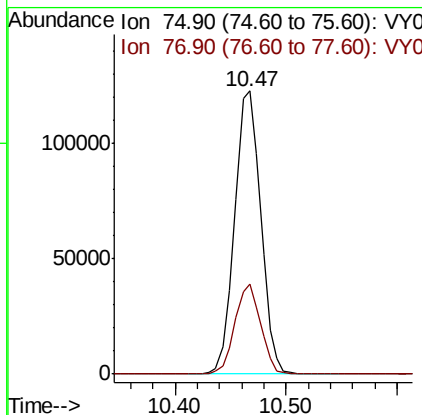
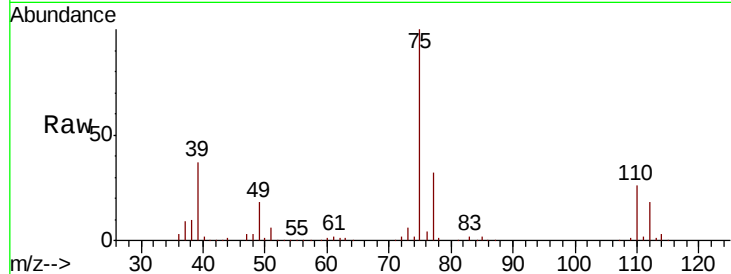
#53
t-1,3-Dichloropropene
Concen: 48.906 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion: 75 Resp: 199454
Ion Ratio Lower Upper
75 100
77 31.9 26.5 39.7

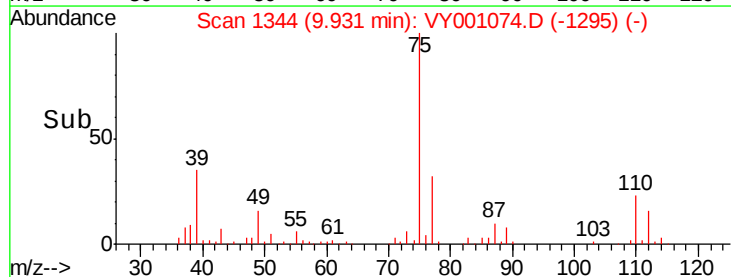
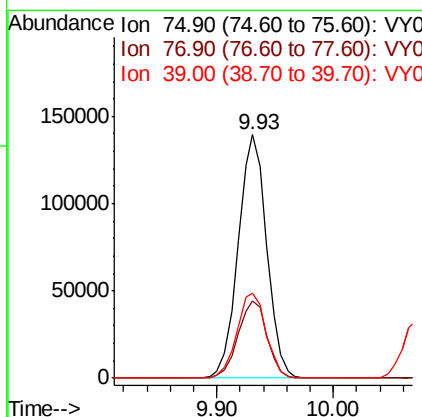
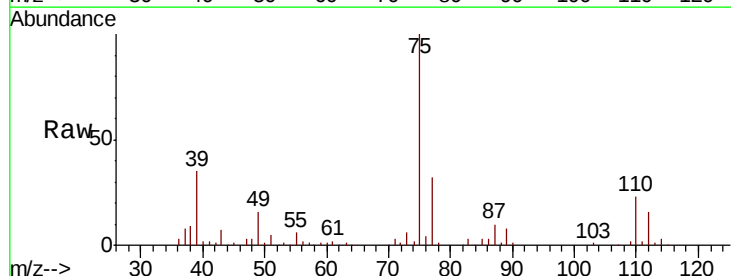
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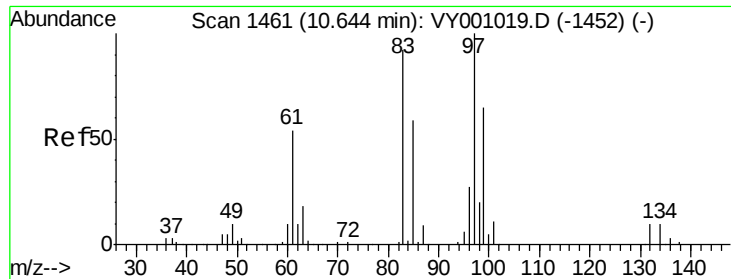
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#54
cis-1,3-Dichloropropene
Concen: 48.364 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 75 Resp: 237177
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 35.0 29.5 44.3





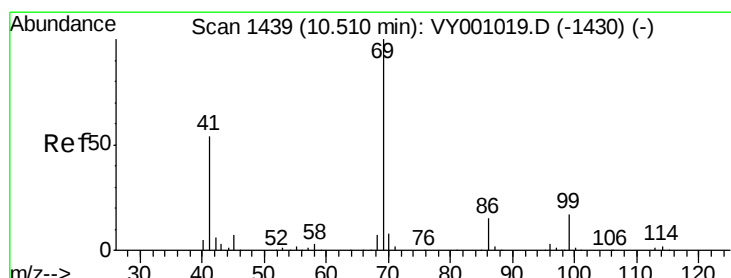
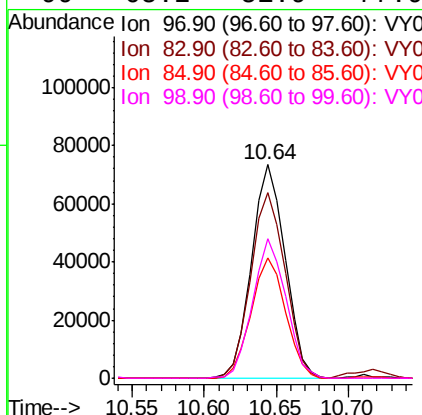
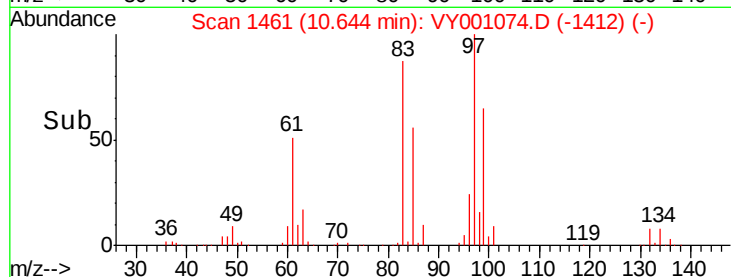
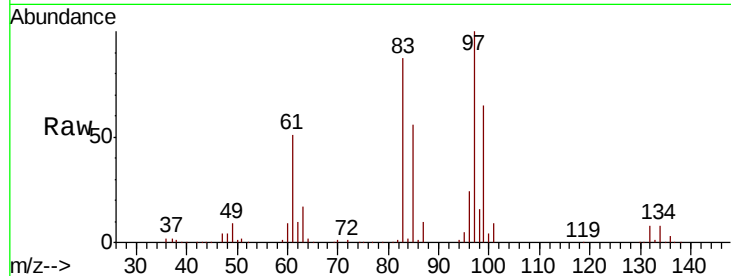
#55
 1,1,2-Trichloroethane
 Concen: 48.802 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion:	97	Resp:	118195
Ion	Ratio	Lower	Upper
97	100		
83	86.9	73.7	110.5
85	56.2	47.3	70.9
99	65.2	51.9	77.9

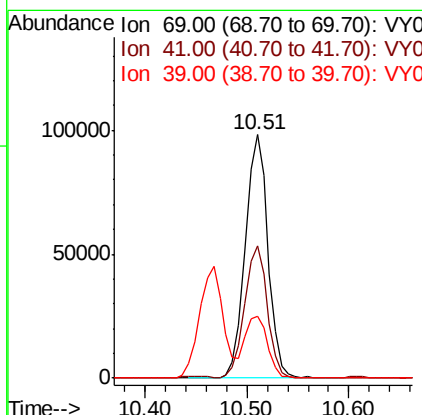
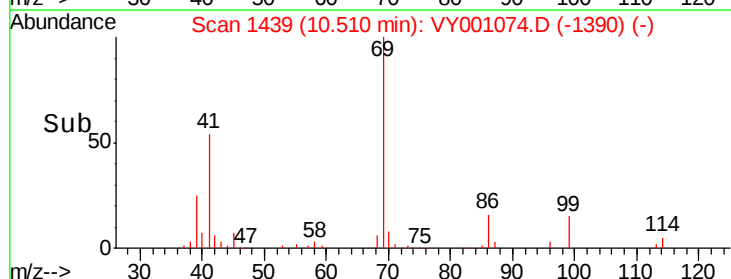
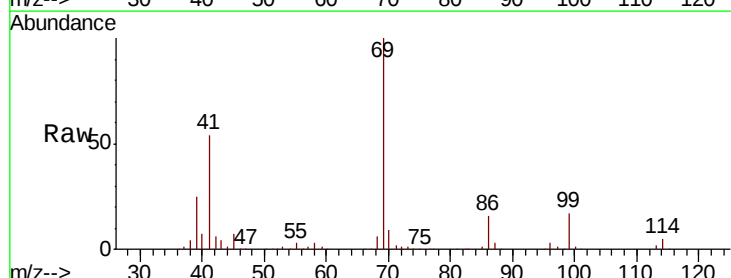
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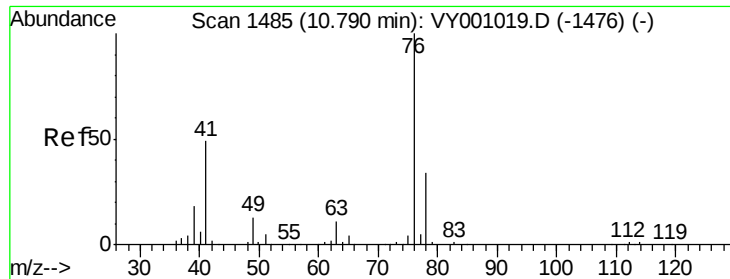
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#56
 Ethyl methacrylate
 Concen: 44.001 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Tgt Ion:	69	Resp:	151669
Ion	Ratio	Lower	Upper
69	100		
41	54.0	44.7	67.1
39	24.9	22.2	33.4





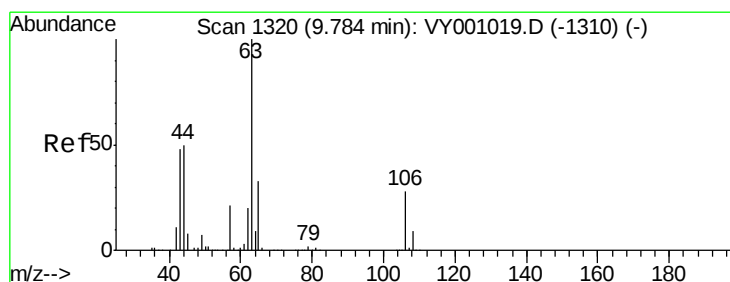
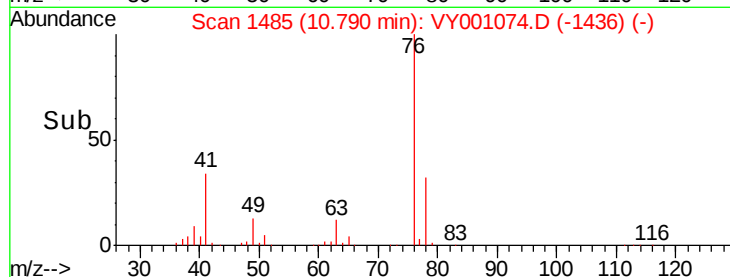
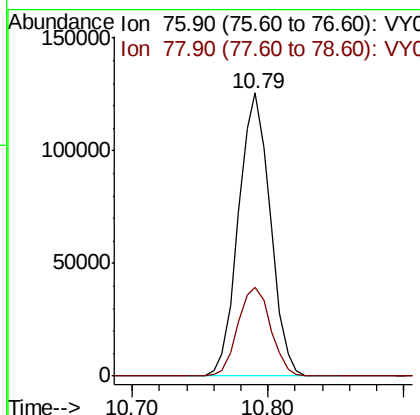
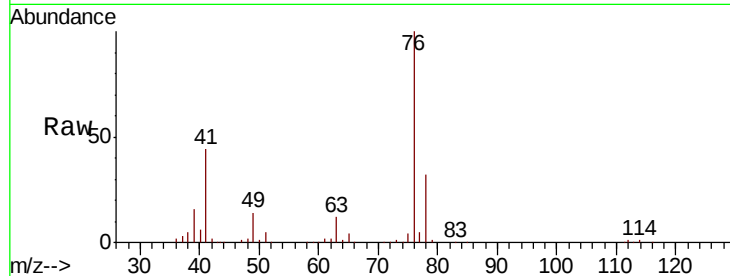
#57
 1,3-Dichloropropane
 Concen: 48.364 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

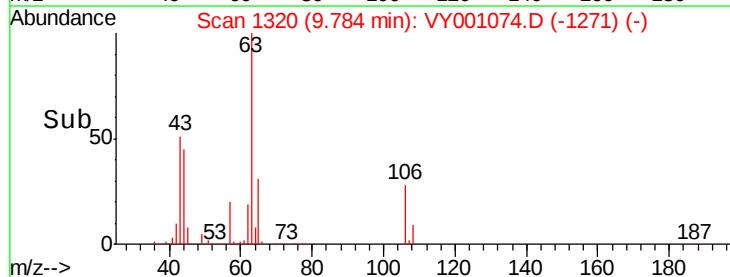
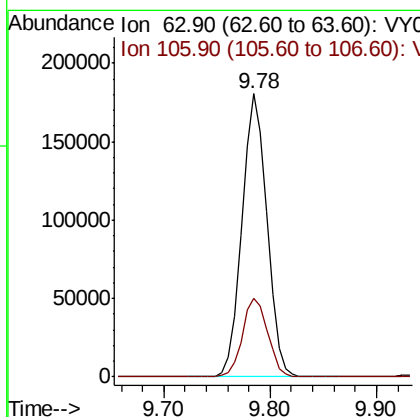
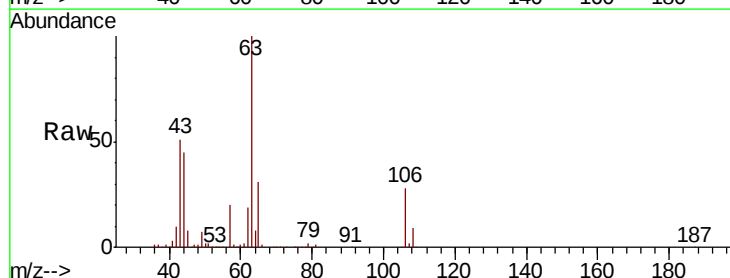
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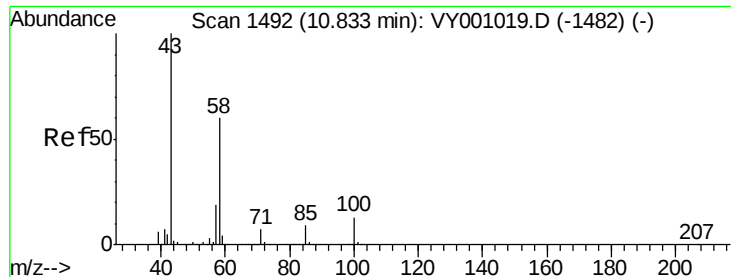
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#58
 2-Chloroethyl Vinyl ether
 Concen: 223.330 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.1	22.7	34.1





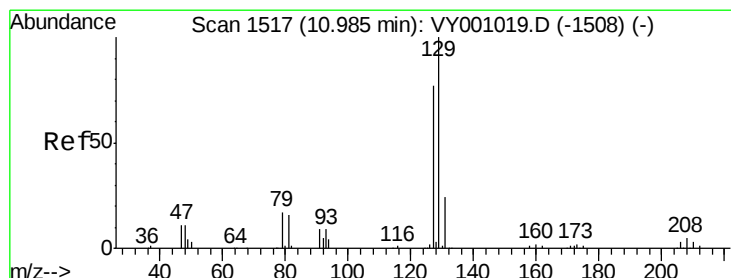
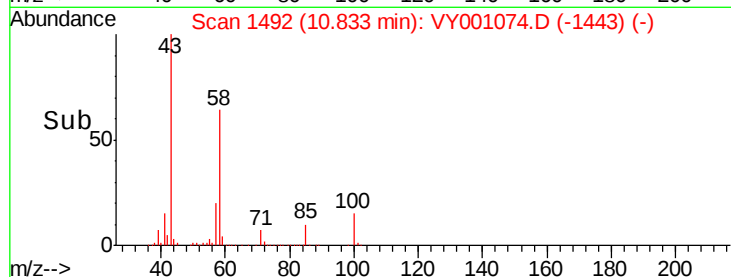
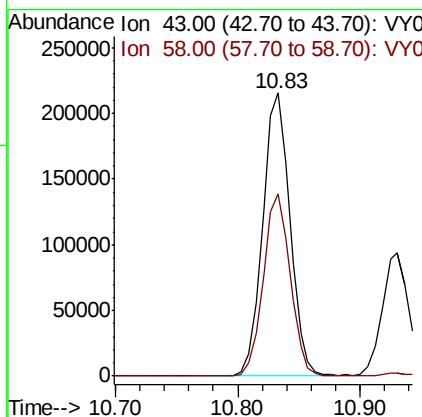
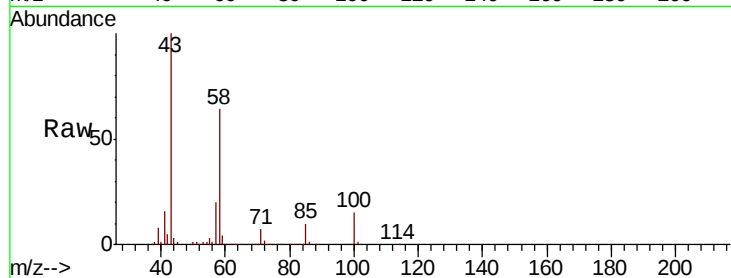
#59
2-Hexanone
Concen: 218.341 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	63.4	30.6	91.6

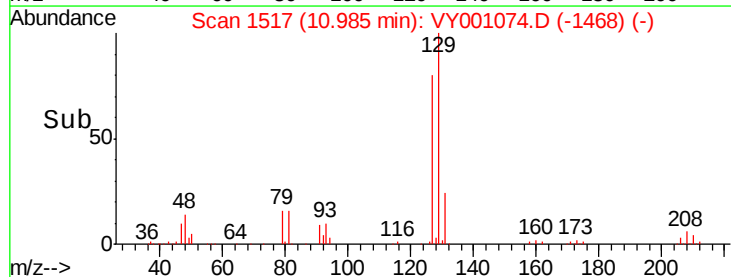
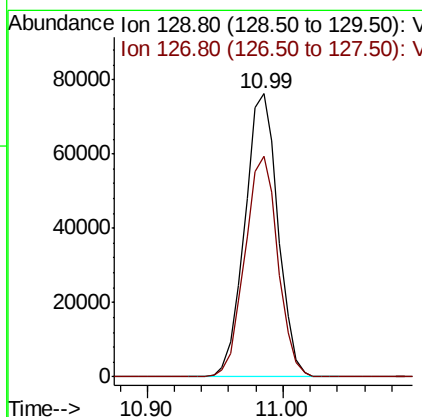
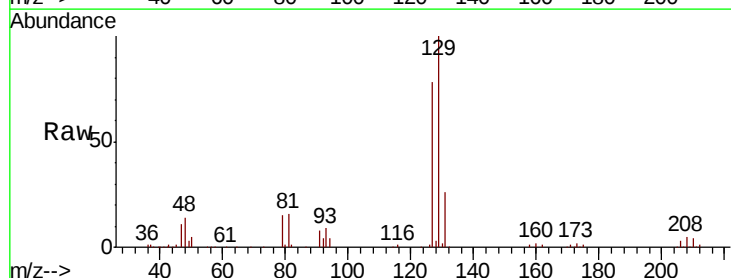
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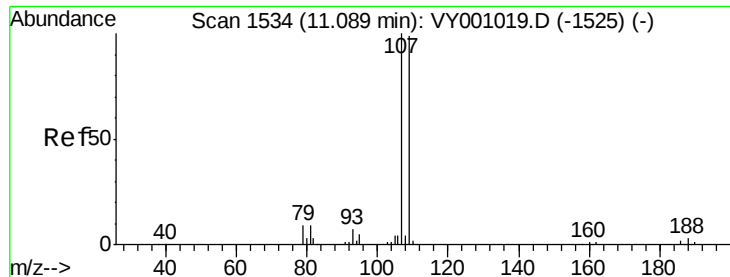
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#60
Dibromochloromethane
Concen: 50.304 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.1	117.3





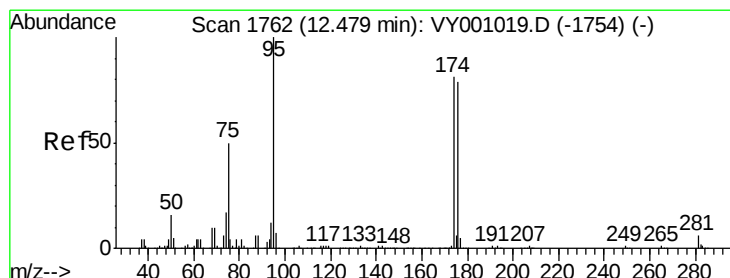
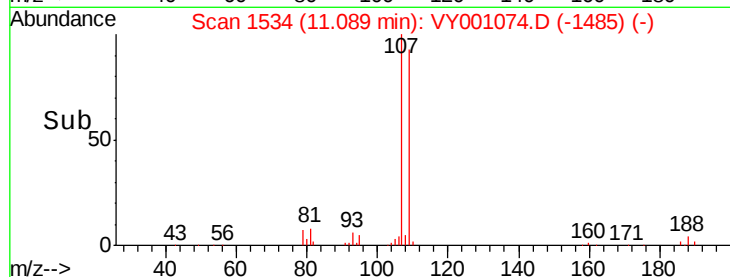
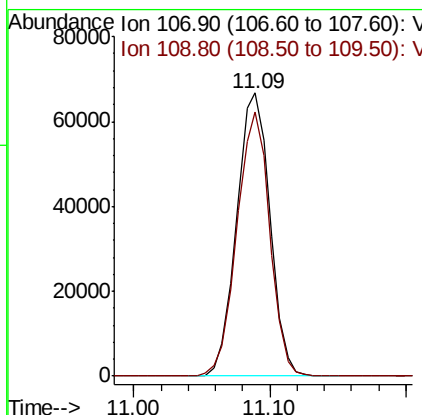
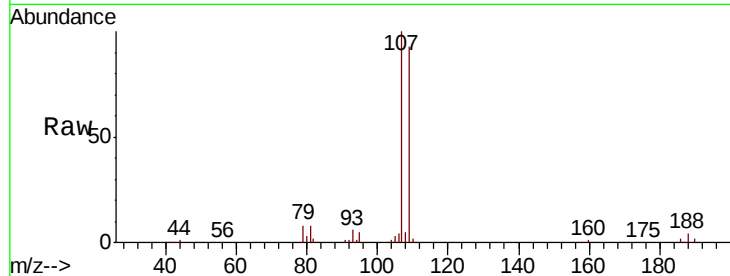
#61
 1,2-Dibromoethane
 Concen: 49.223 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.7	74.8	112.2

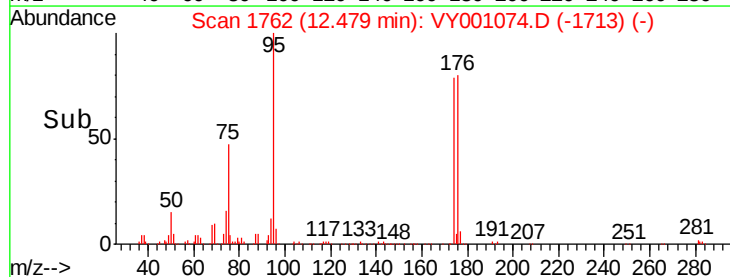
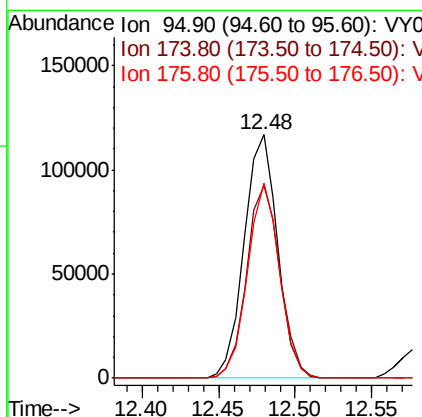
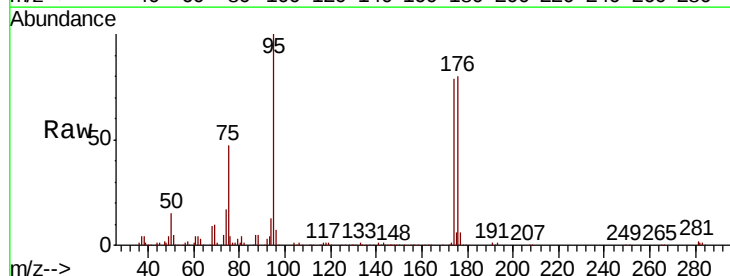
Manual Integrations
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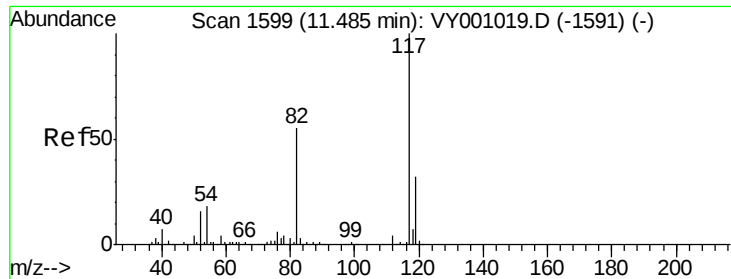
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#62
 4-Bromofluorobenzene
 Concen: 48.368 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	156.4
176	76.6	0.0	155.0





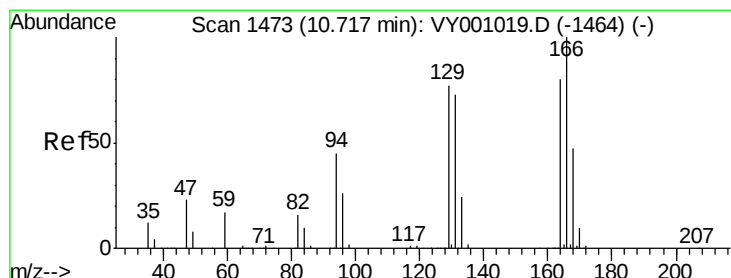
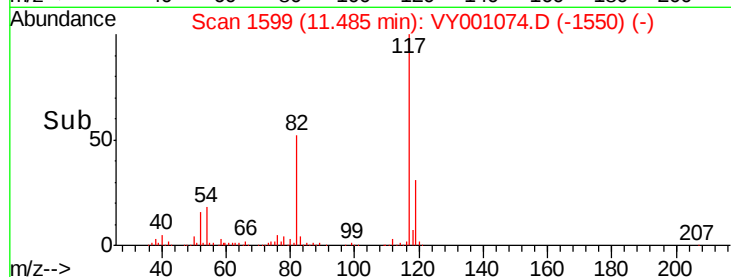
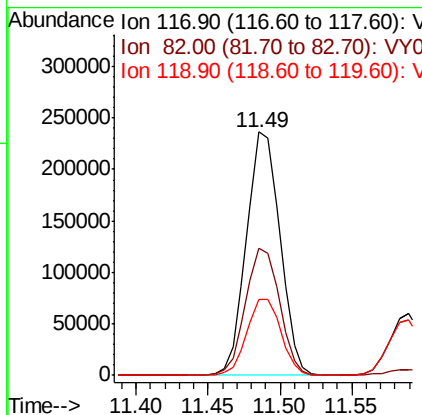
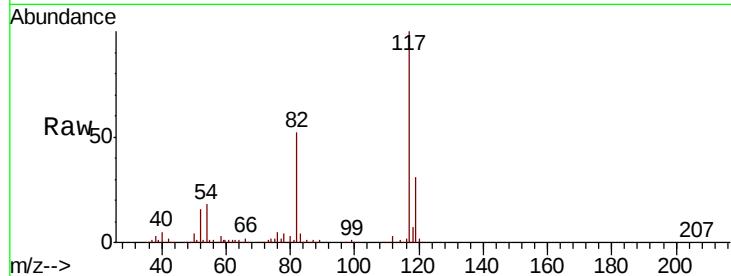
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	382563		
82	52.4		43.8	65.8
119	31.3		25.8	38.6

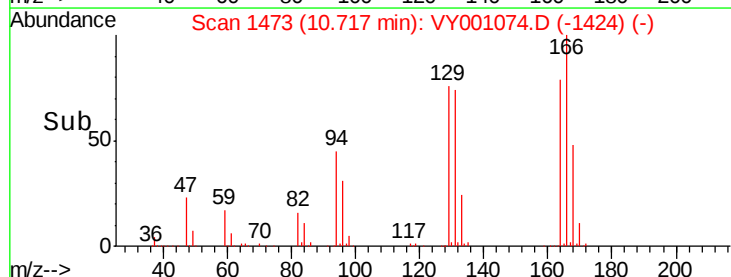
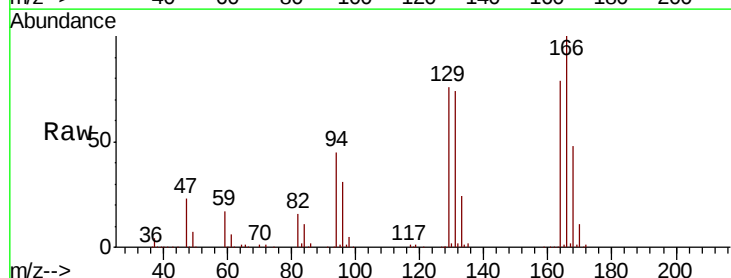
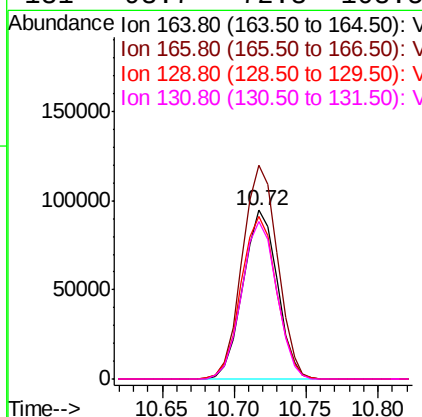
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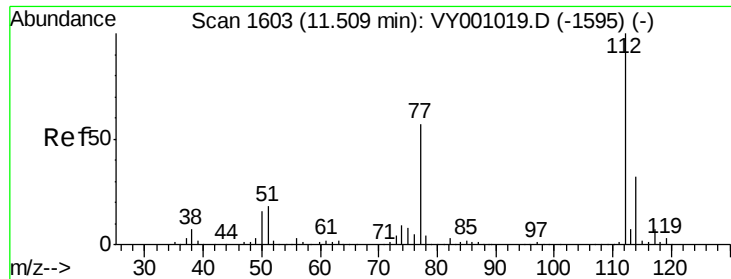
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#64
Tetrachloroethene
Concen: 47.341 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	156701		
166	126.7		99.7	149.5
129	96.4		76.9	115.3
131	93.7		72.3	108.5





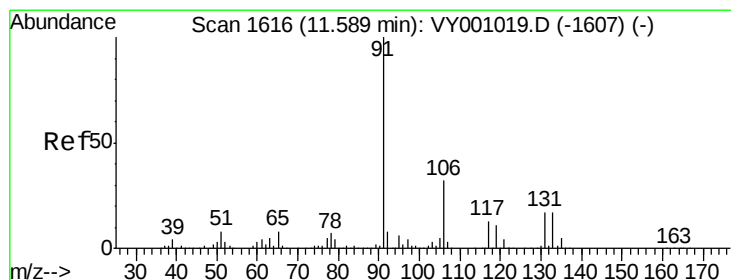
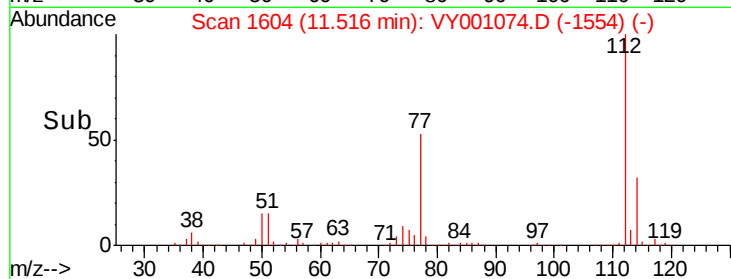
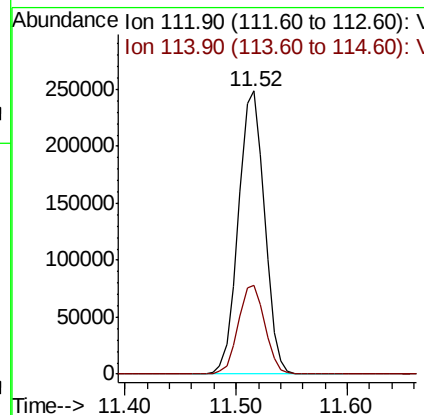
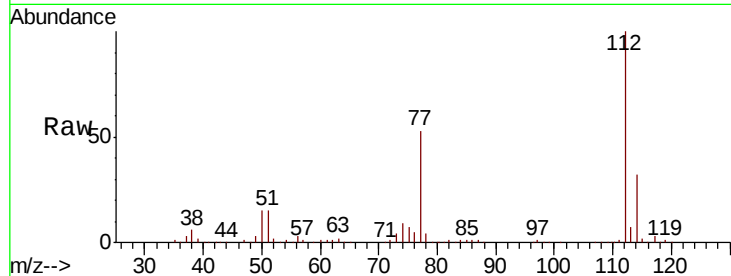
#65
Chlorobenzene
Concen: 50.900 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion:112 Resp: 403921
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

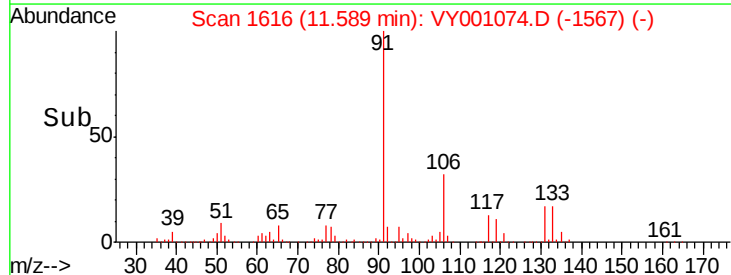
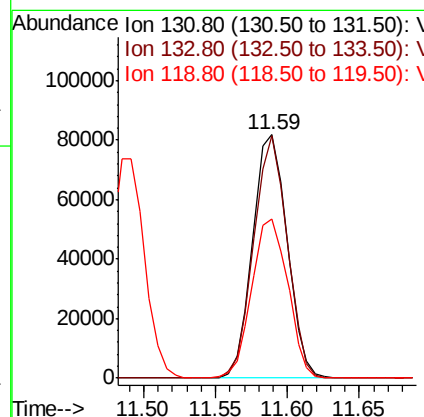
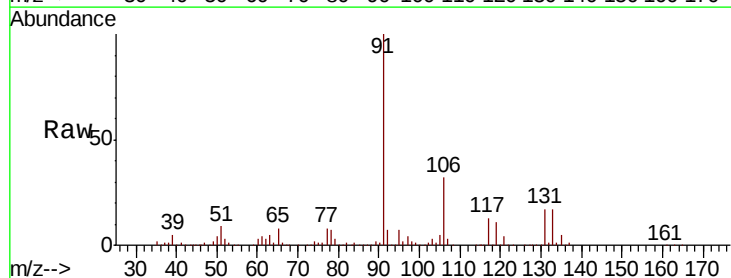
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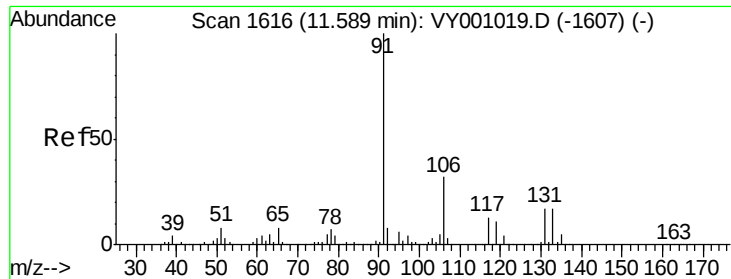
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.739 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion:131 Resp: 135491
Ion Ratio Lower Upper
131 100
133 96.7 48.1 144.4
119 68.3 34.0 101.8





#67

Ethyl Benzene

Concen: 50.938 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tot Ion: 91 Resp: 727064

Ion Ratio Lower Upper

91 100

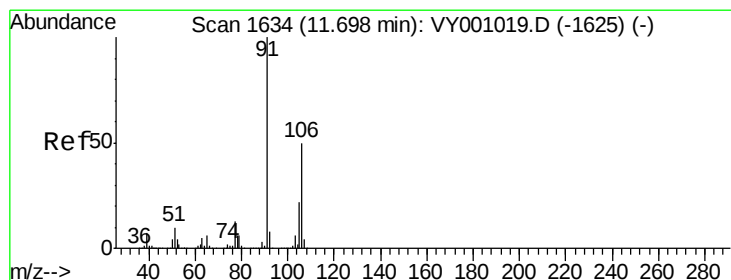
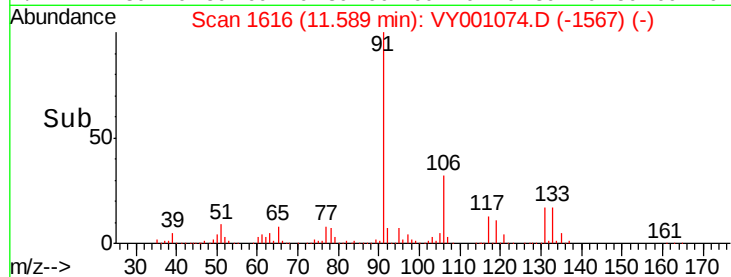
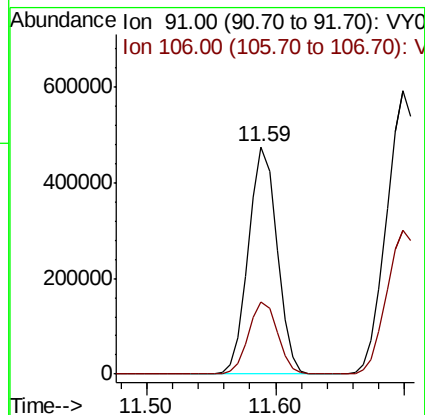
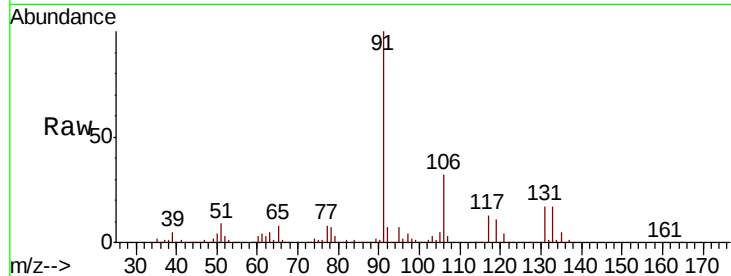
106 31.6 25.3 37.9

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#68

m/p-Xylenes

Concen: 102.636 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001074.D

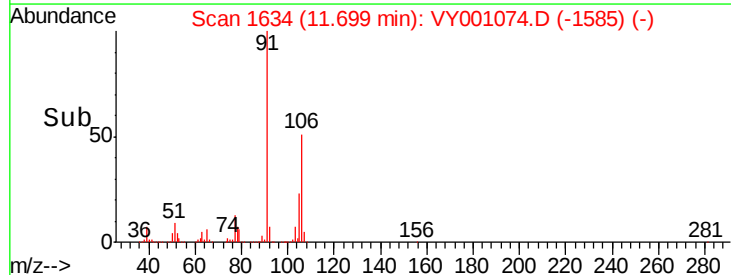
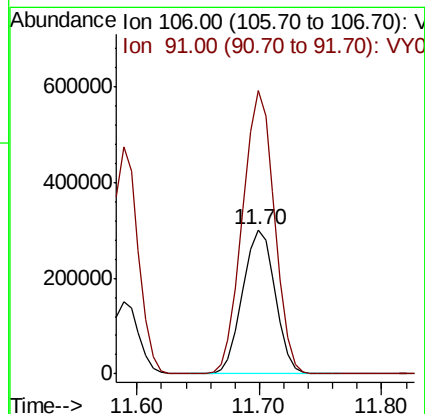
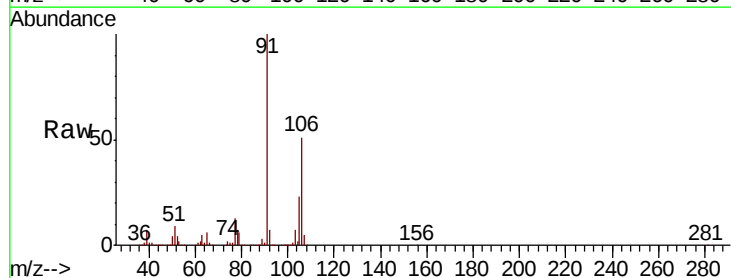
Acq: 26 Dec 2019 15:58

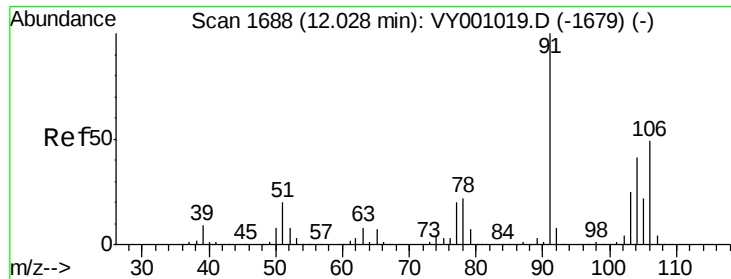
Tgt Ion: 106 Resp: 556244

Ion Ratio Lower Upper

106 100

91 192.8 156.4 234.6





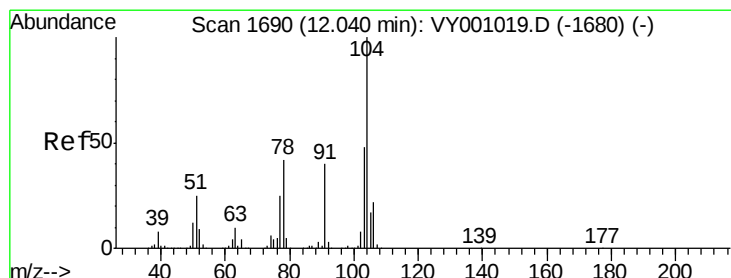
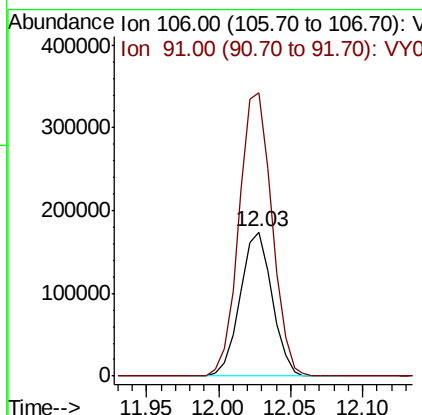
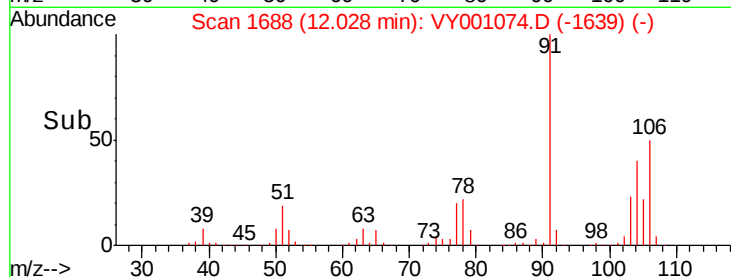
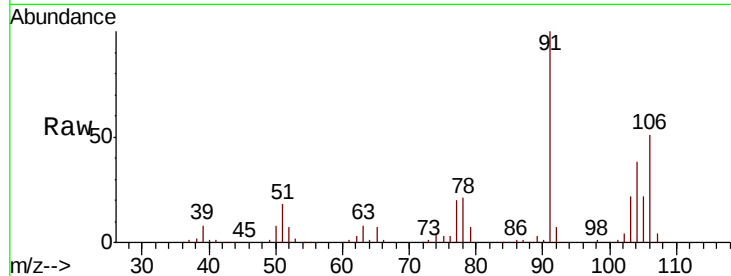
#69
o-Xylene
Concen: 52.589 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.6	103.0	309.0

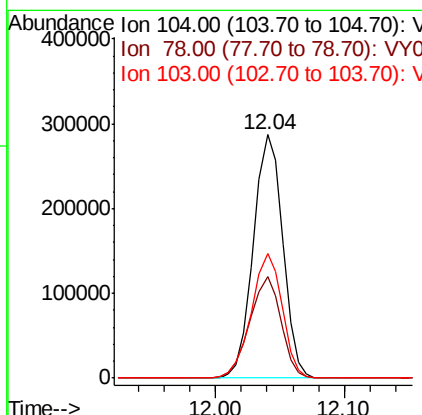
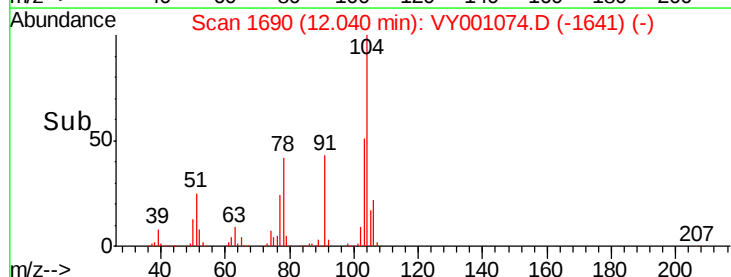
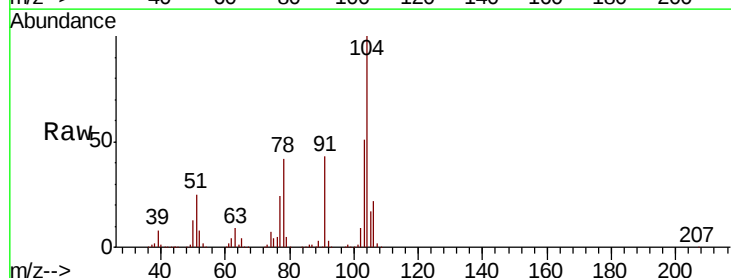
Manual Integrations
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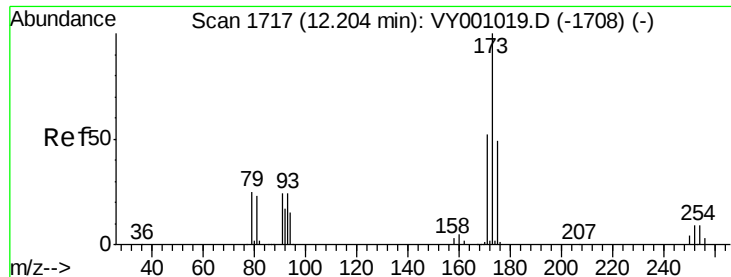
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#70
Styrene
Concen: 52.036 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.4	36.6	54.8
103	53.7	42.6	64.0





#71

Bromoform

Concen: 50.812 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:173 Resp: 74092

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

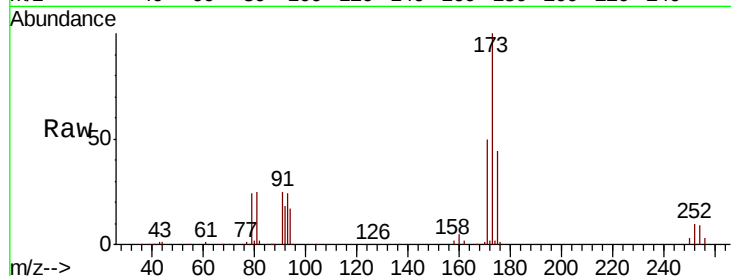
254 0.0 0.0 0.0

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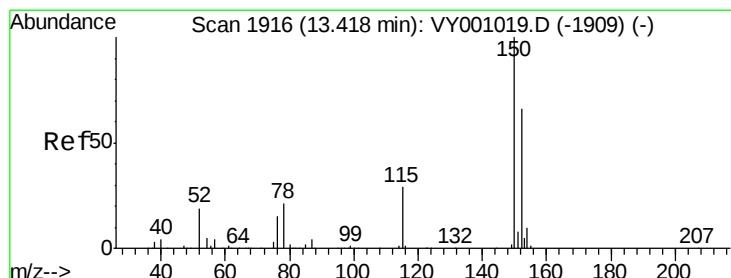
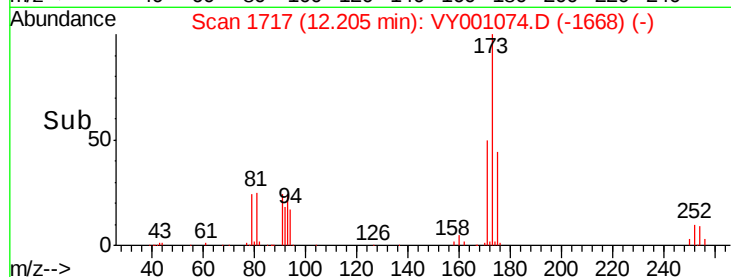
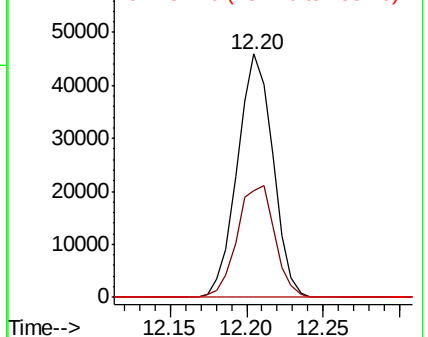


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

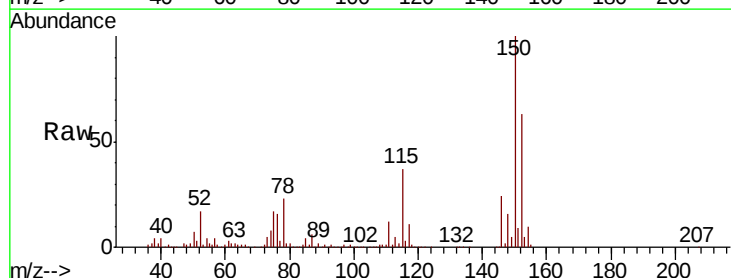
Tgt Ion:152 Resp: 175183

Ion Ratio Lower Upper

152 100

115 58.7 29.8 89.3

150 173.4 0.0 352.6

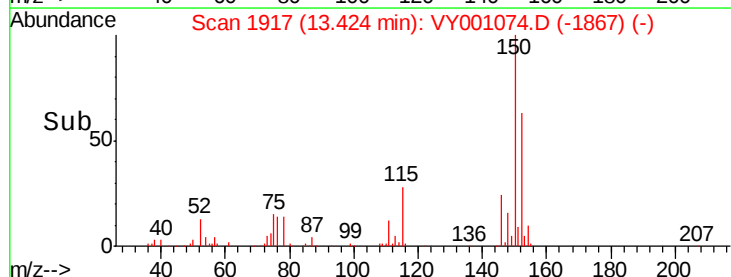
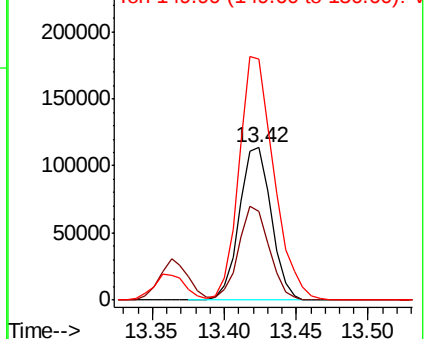


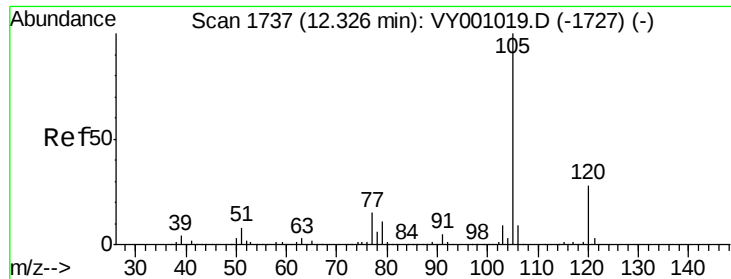
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.033 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tot Ion: 105 Resp: 732493

Ion Ratio Lower Upper

105 100

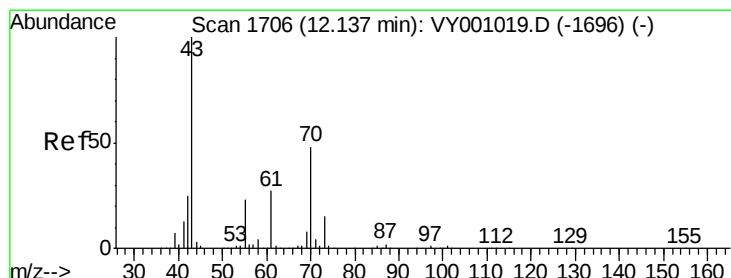
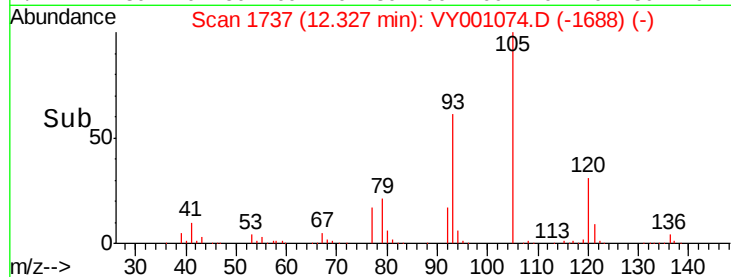
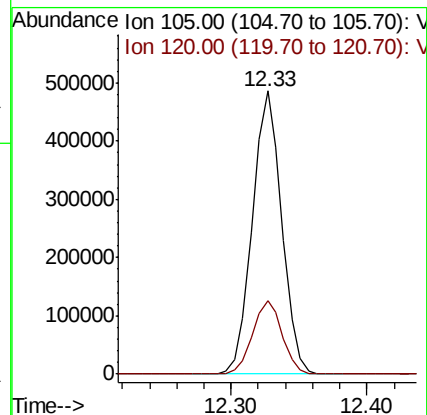
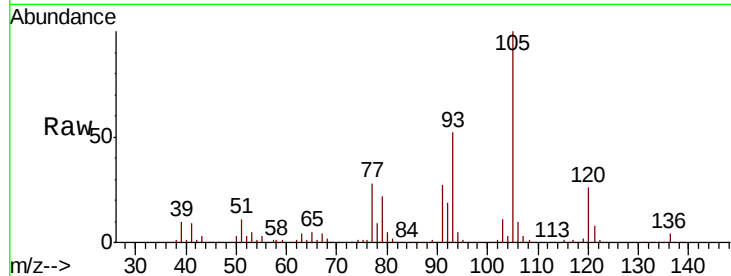
120 26.2 13.4 40.2

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#74

N-ethyl acetate

Concen: 39.581 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Tgt Ion: 43 Resp: 140964

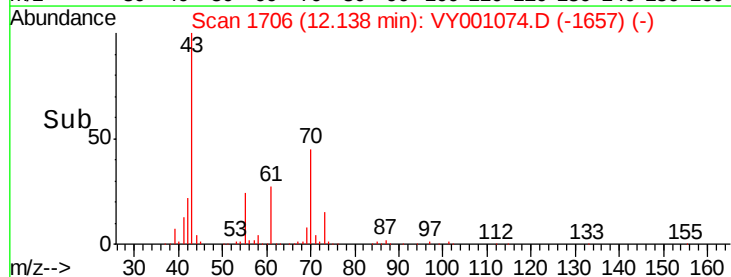
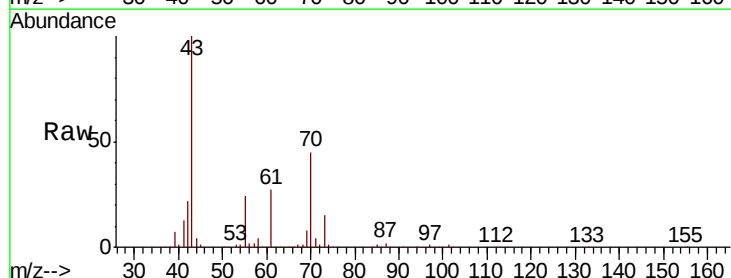
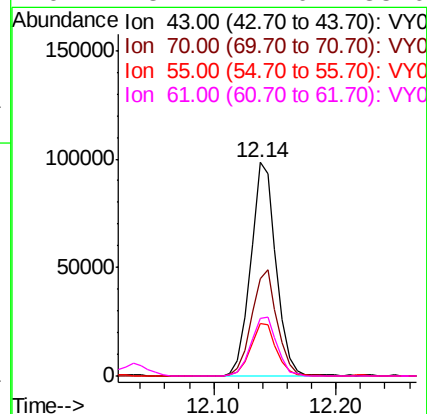
Ion Ratio Lower Upper

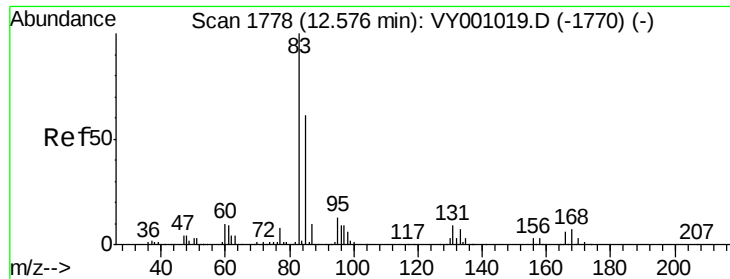
43 100

70 50.2 39.0 58.6

55 25.0 19.5 29.3

61 28.7 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.132 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

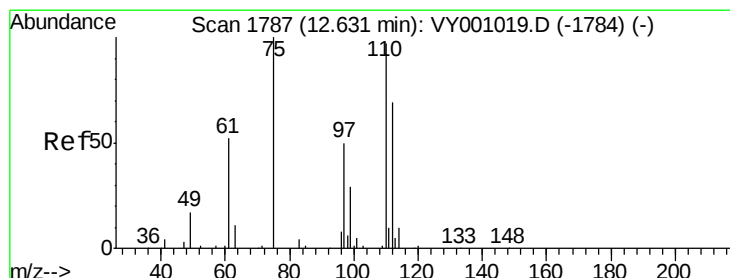
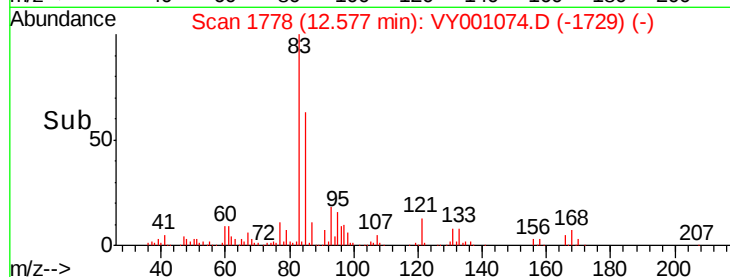
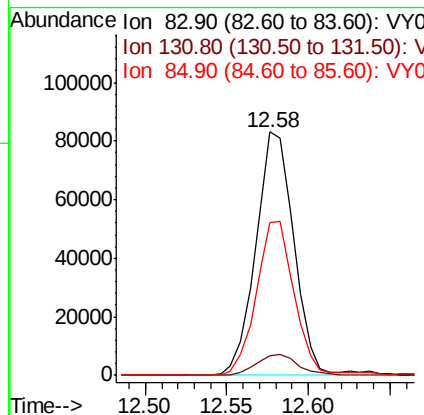
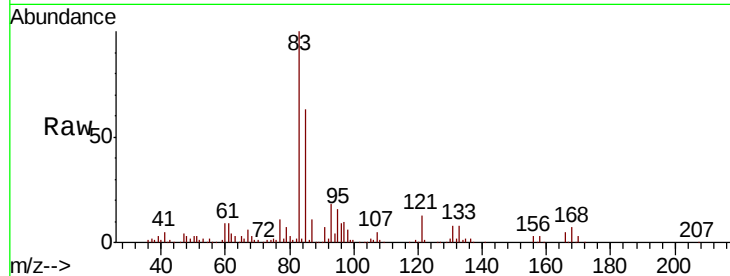
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	83	Resp:	133884
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.1	15.3
85	62.8	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 48.104 ug/l m

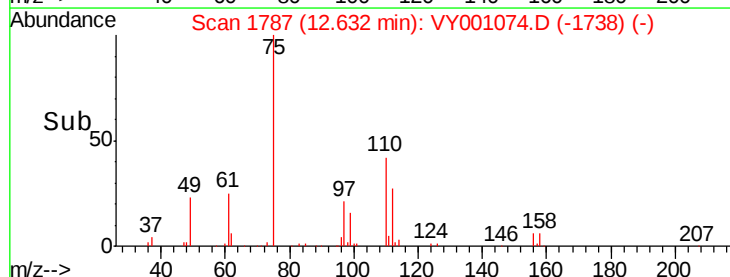
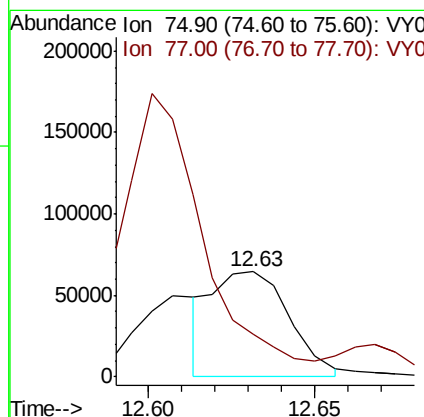
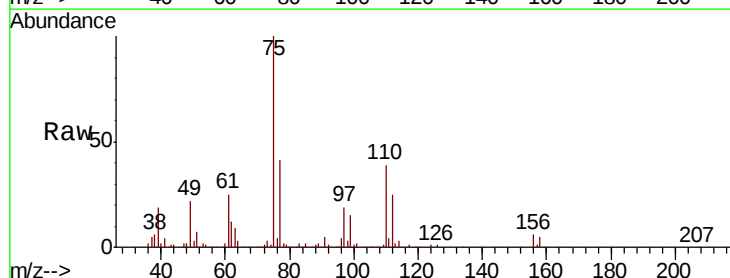
RT: 12.63 min Scan# 1787

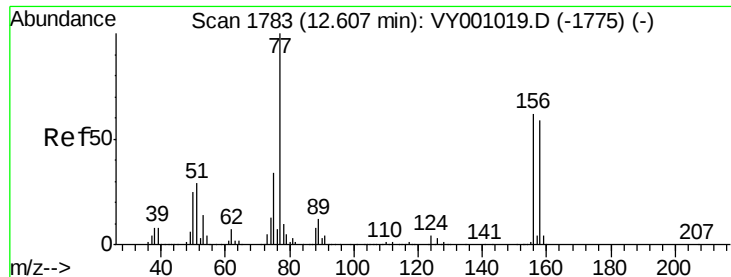
Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Tgt Ion:	75	Resp:	103888
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.446 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

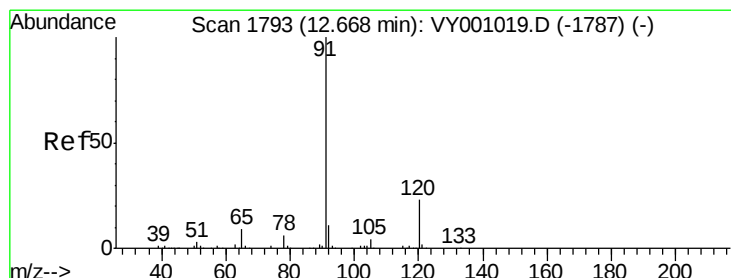
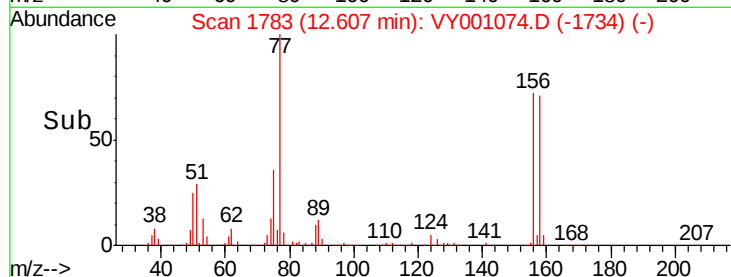
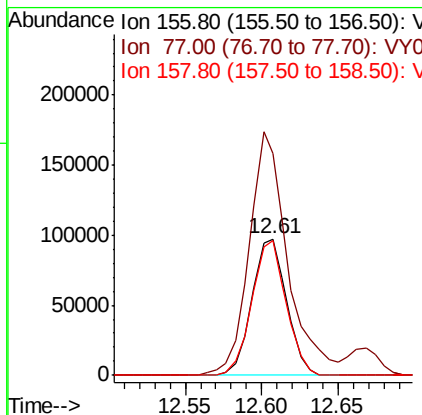
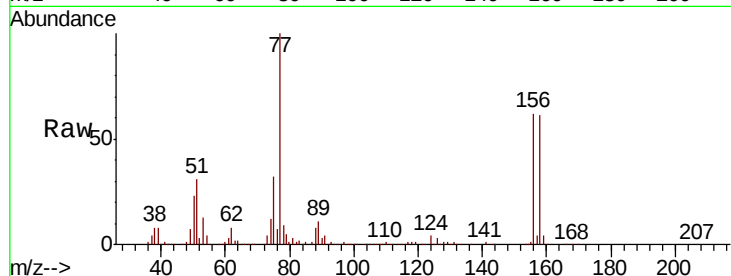
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		153805		
77	198.0	98.0	294.1		
158	97.3	48.5	145.6		

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#78

n-propylbenzene

Concen: 50.556 ug/l

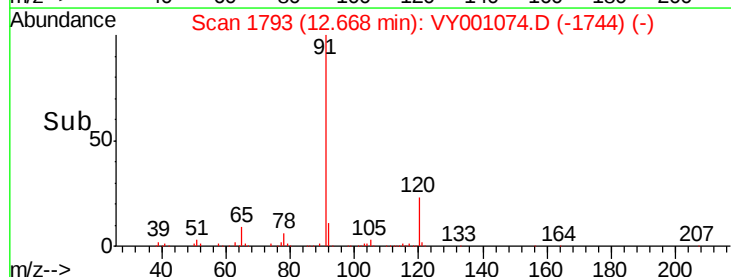
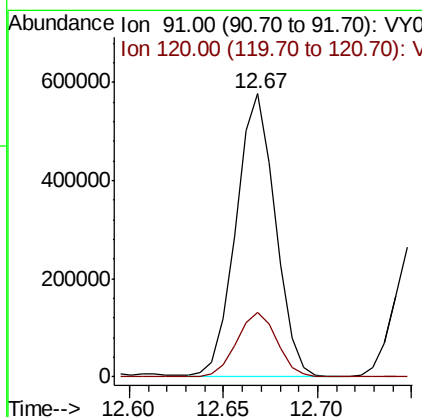
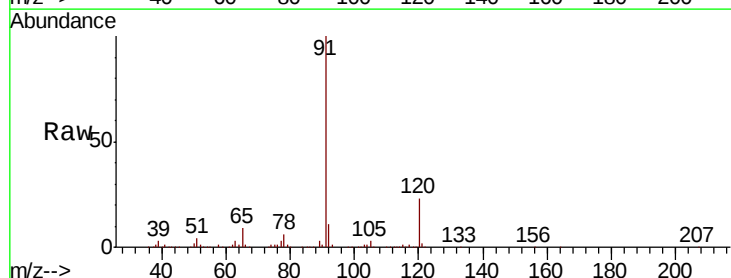
RT: 12.67 min Scan# 1793

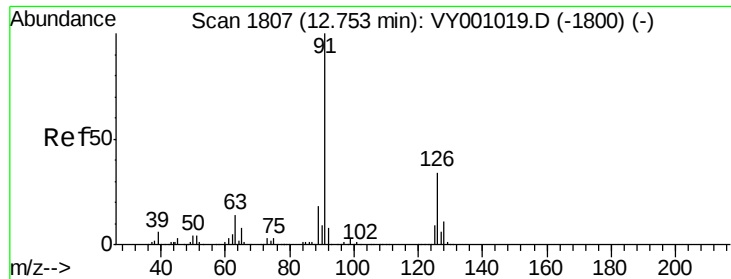
Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		835113		
120	23.2	11.4	34.2		





#79

2-Chlorotoluene

Concen: 49.749 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tot Ion: 91 Resp: 453823

Ion Ratio Lower Upper

91 100

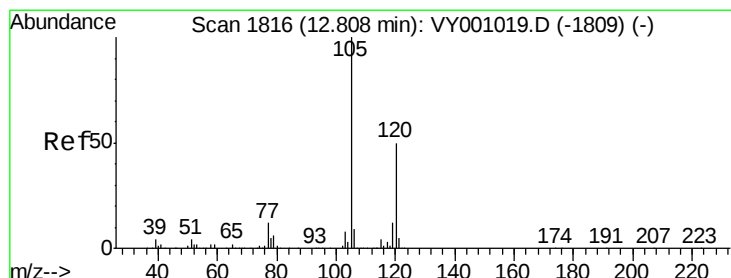
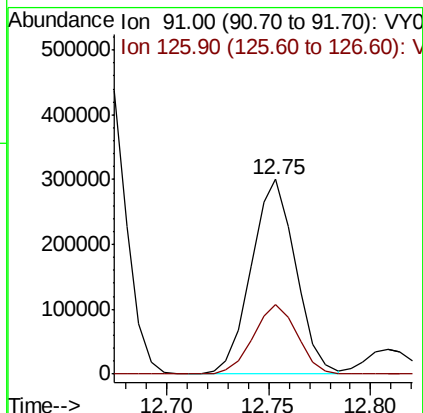
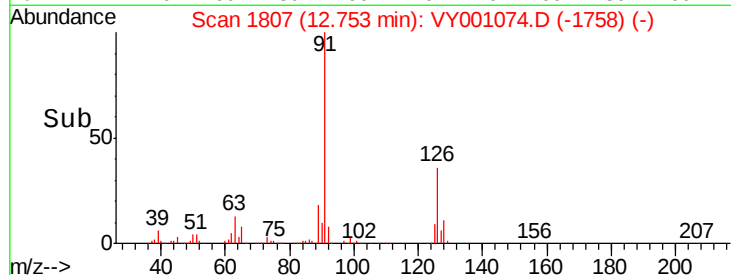
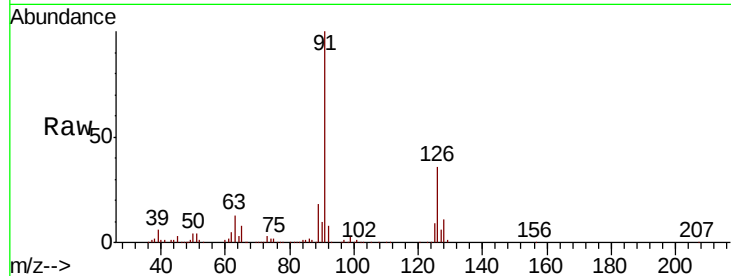
126 35.7 17.3 51.7

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#80

1,3,5-Trimethylbenzene

Concen: 51.521 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001074.D

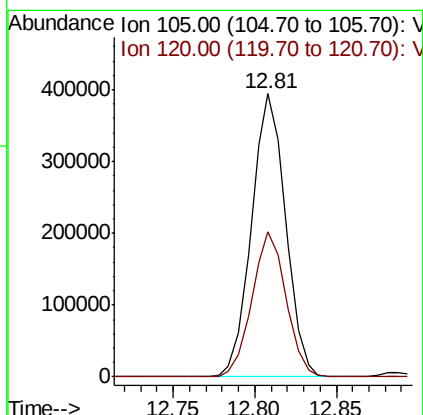
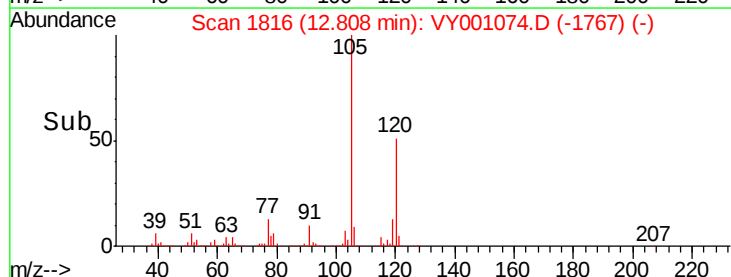
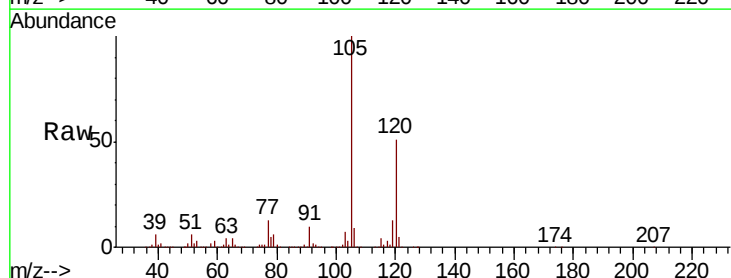
Acq: 26 Dec 2019 15:58

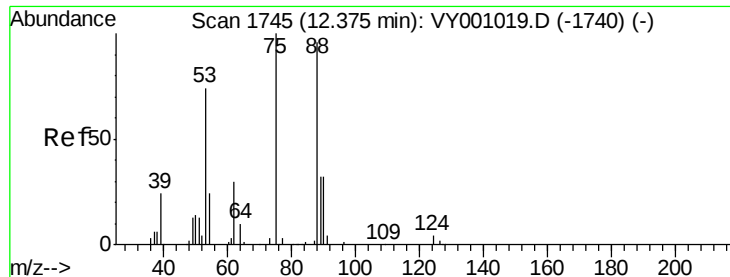
Tgt Ion: 105 Resp: 572513

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 45.331 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

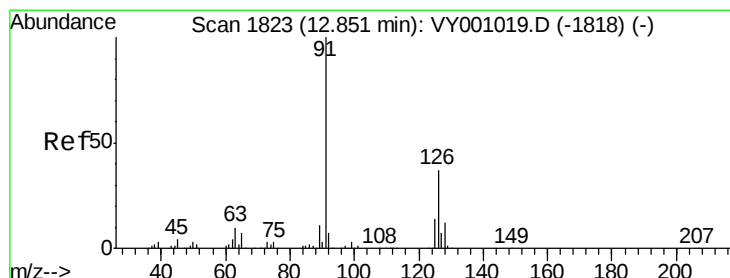
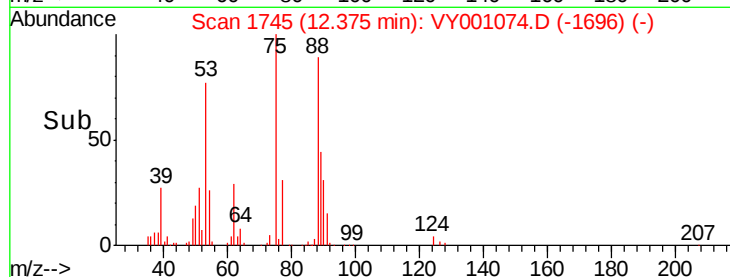
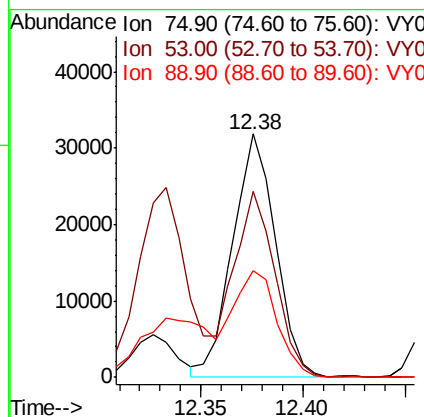
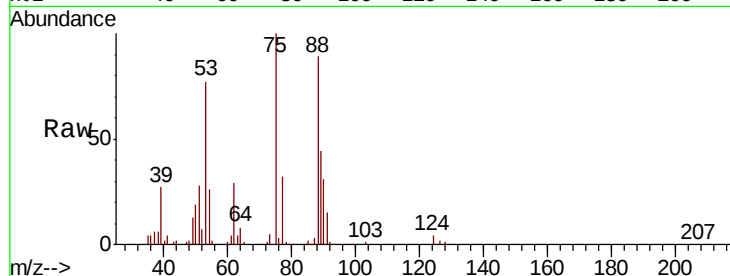
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	75	Resp:	45902
Ion	Ratio	Lower	Upper
75	100		
53	73.4	60.6	91.0
89	45.6	35.4	53.0

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#82

4-Chlorotoluene

Concen: 44.507 ug/l

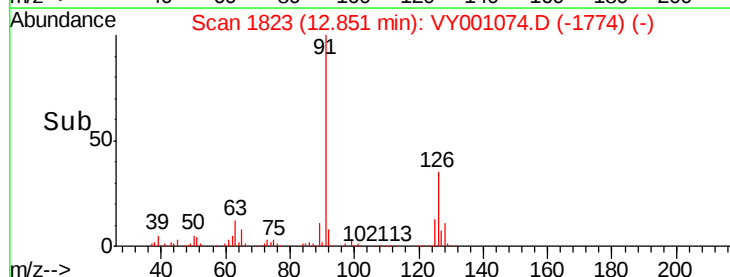
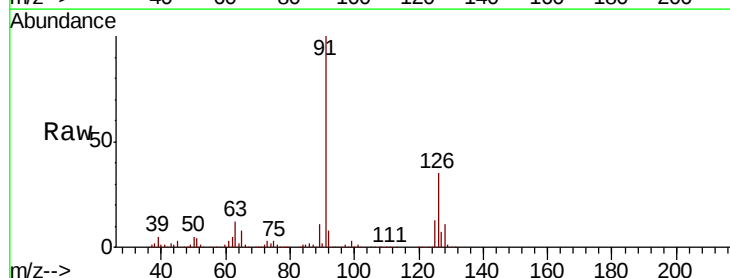
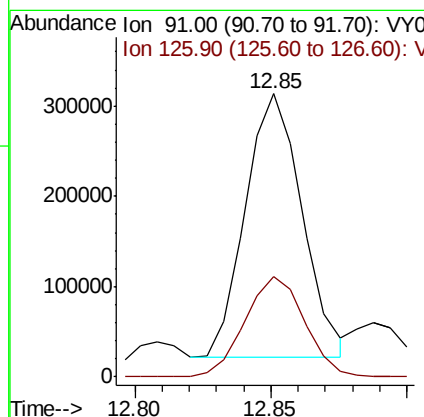
RT: 12.85 min Scan# 1823

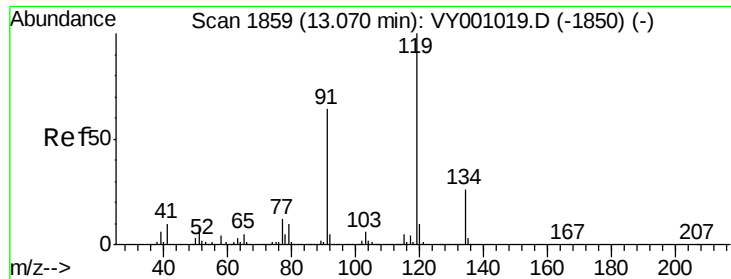
Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Tgt Ion:	91	Resp:	421707
Ion	Ratio	Lower	Upper
91	100		
126	40.0	17.6	52.8





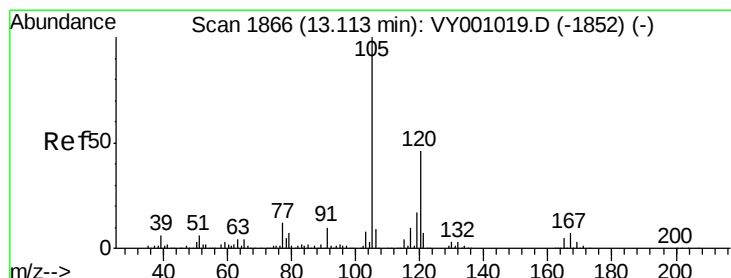
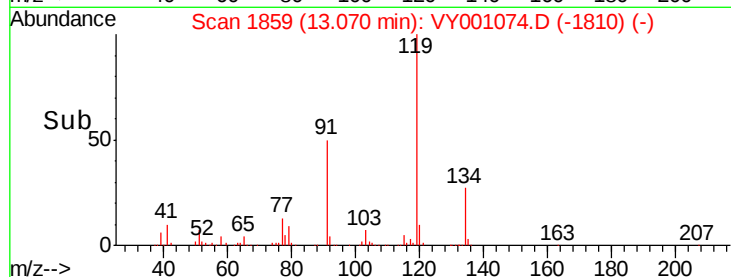
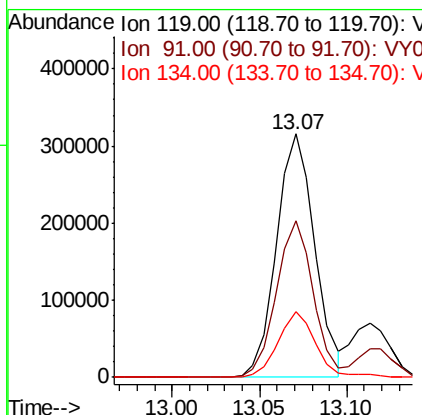
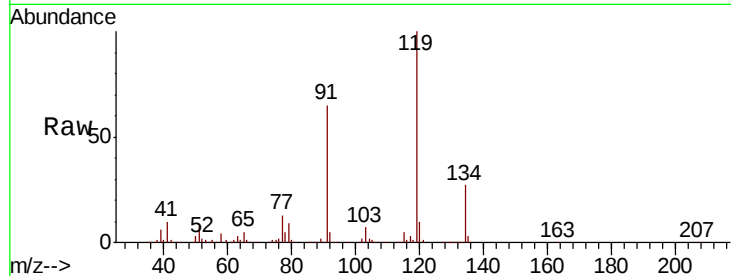
#83
tert-Butylbenzene
Concen: 51.628 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	481581		
91	62.1	31.9	95.7	
134	26.9	13.6	40.7	

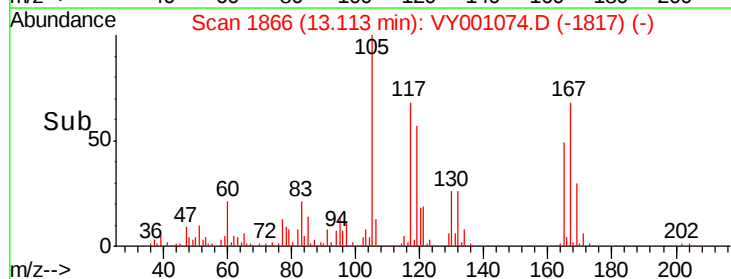
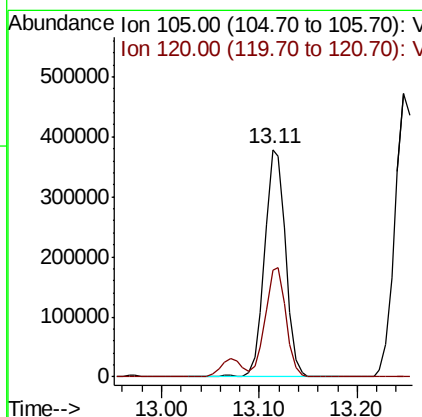
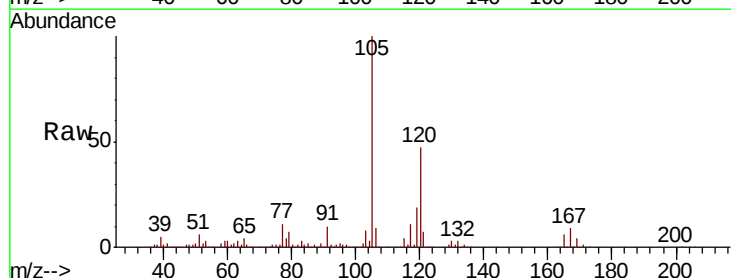
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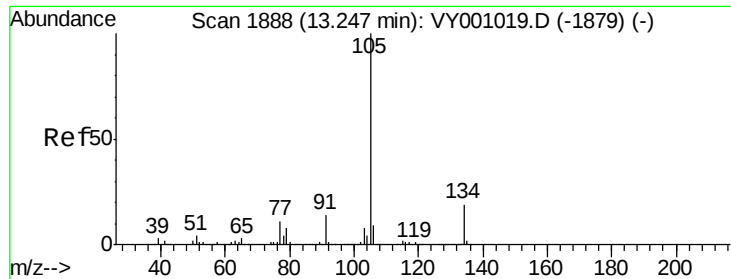
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#84
1,2,4-Trimethylbenzene
Concen: 50.916 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	568547		
120	47.5	23.4	70.2	





#85

sec-Butylbenzene

Concen: 50.769 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:105 Resp: 698155

Ion Ratio Lower Upper

105 100

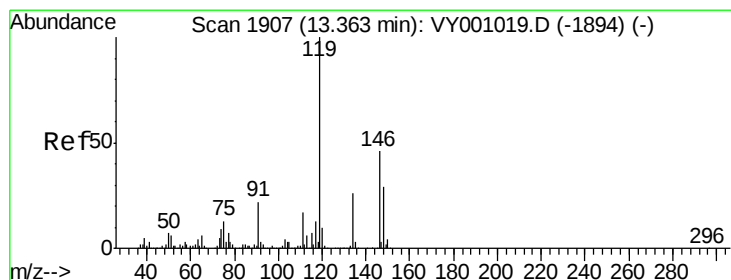
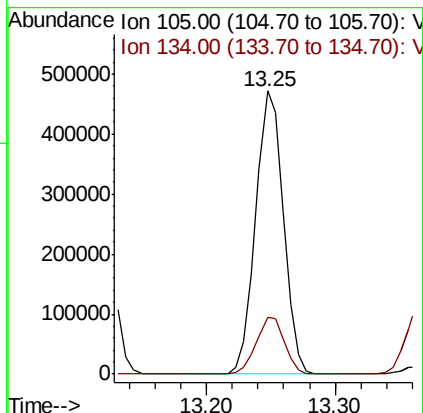
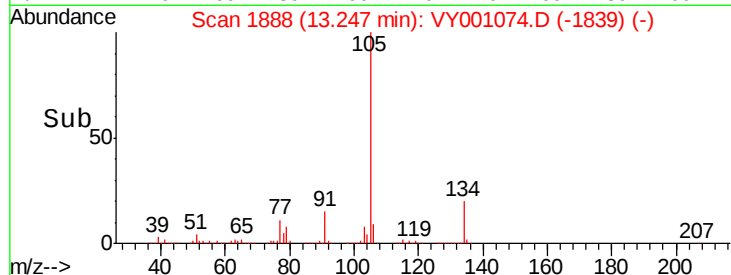
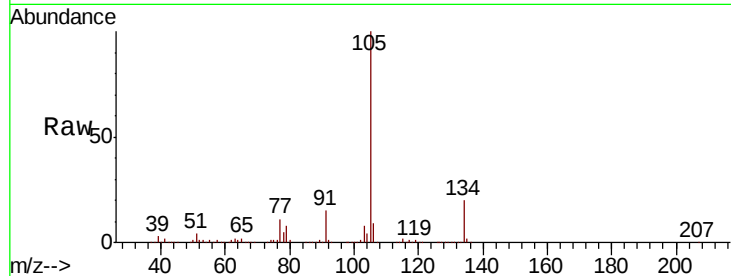
134 20.4 10.0 30.0

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#86

p-Isopropyltoluene

Concen: 52.706 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

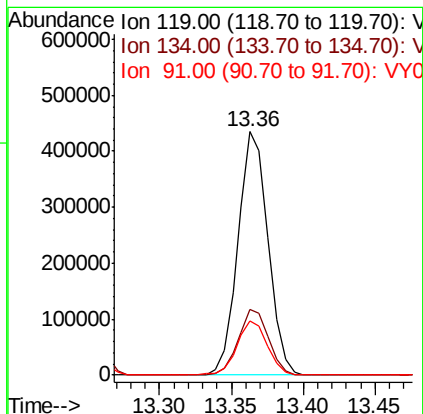
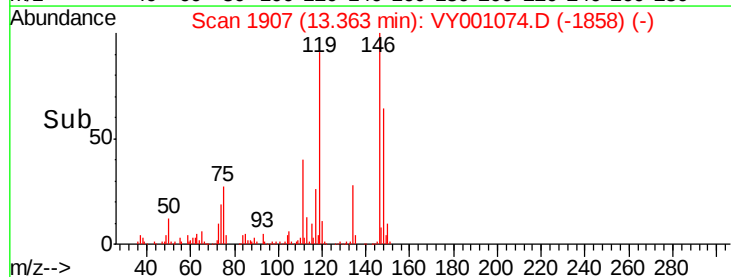
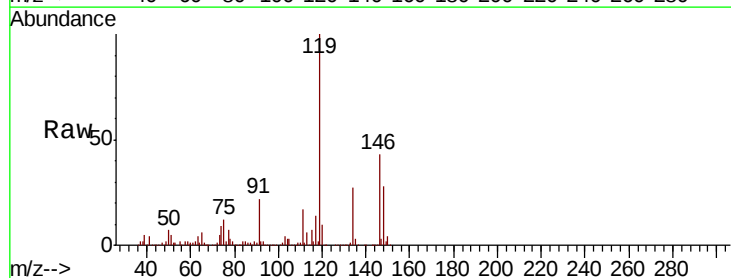
Tgt Ion:119 Resp: 627150

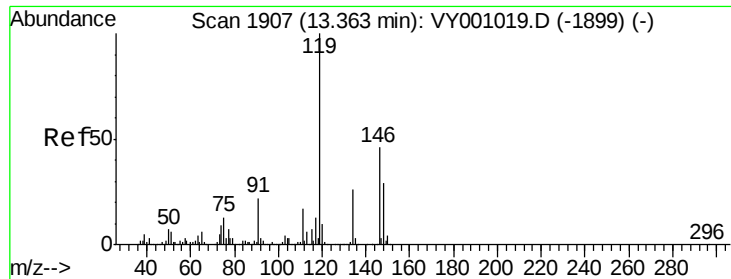
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.6 11.4 34.1





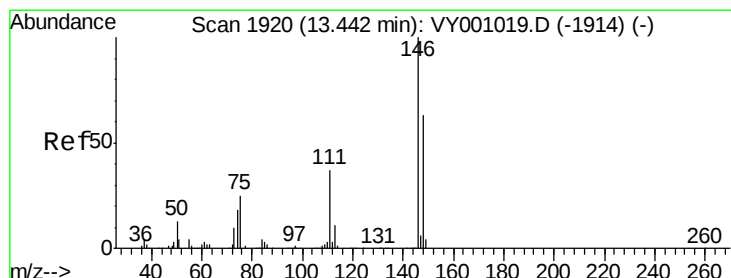
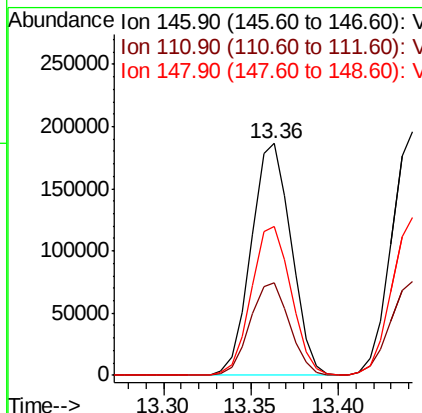
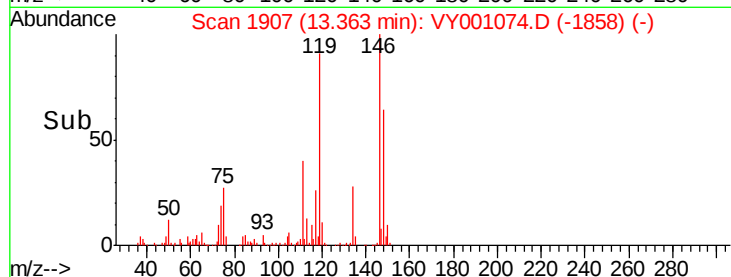
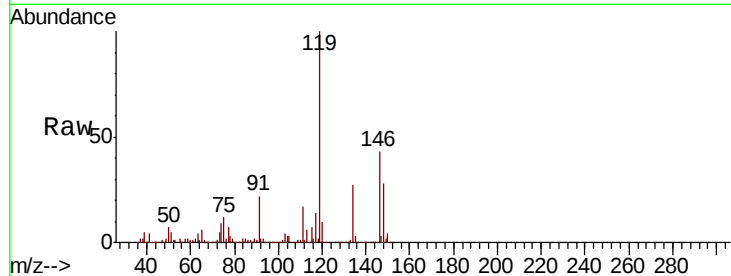
#87
 1,3-Dichlorobenzene
 Concen: 50.710 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	296943		
111	39.1	19.7	59.0	
148	63.9	31.9	95.5	

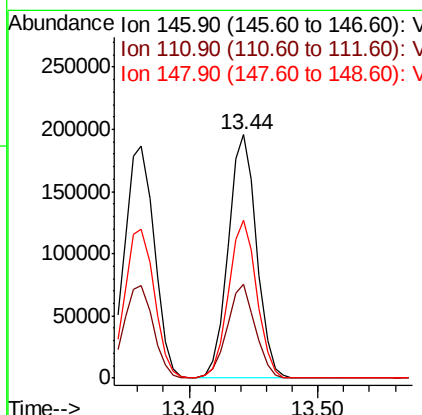
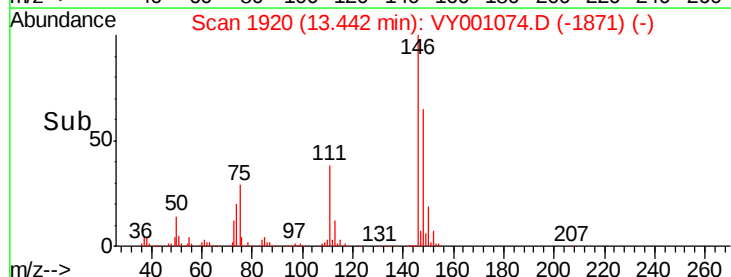
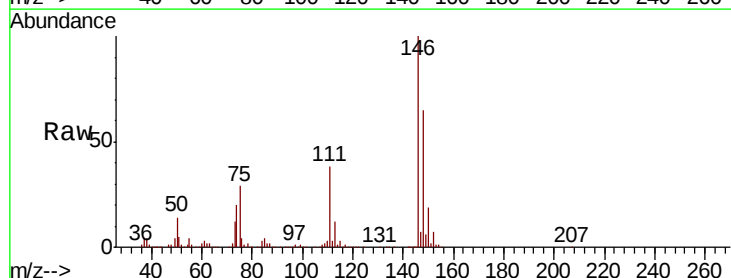
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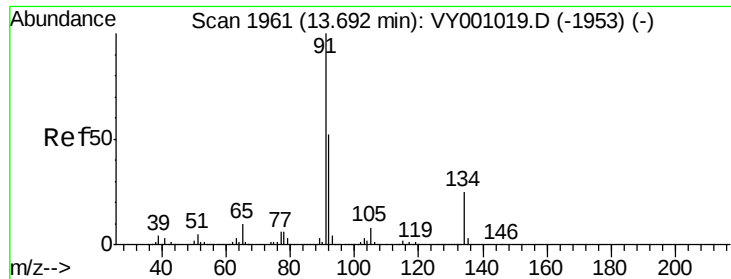
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#88
 1,4-Dichlorobenzene
 Concen: 50.722 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	299618		
111	38.5	19.4	58.2	
148	65.1	31.8	95.3	





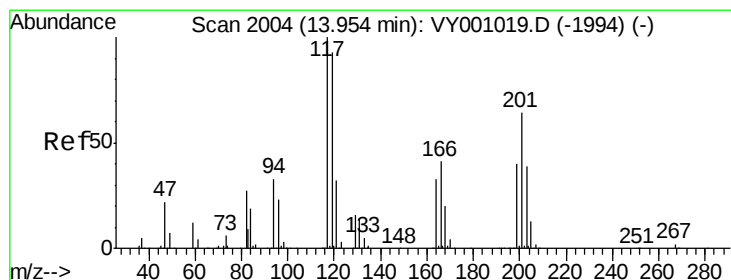
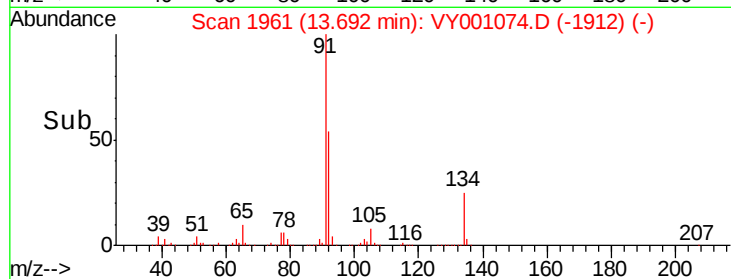
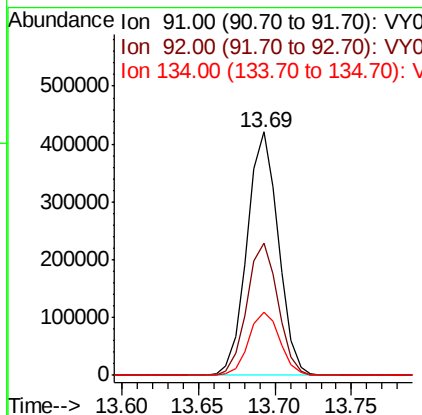
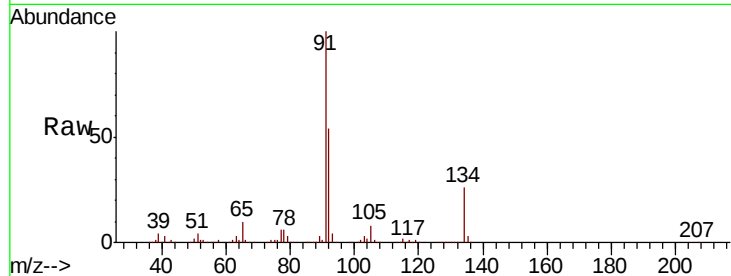
#89
n-Butylbenzene
Concen: 50.043 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.2	26.9	80.7	
134	26.0	12.7	38.0	

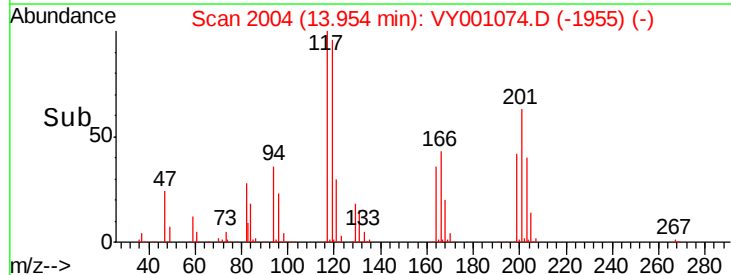
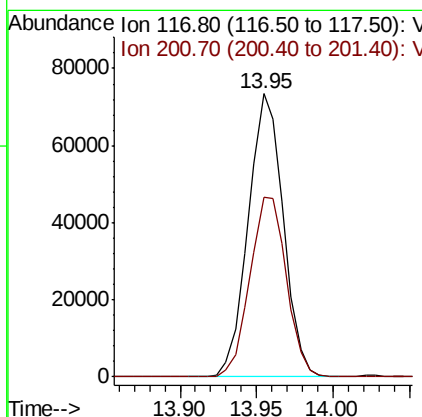
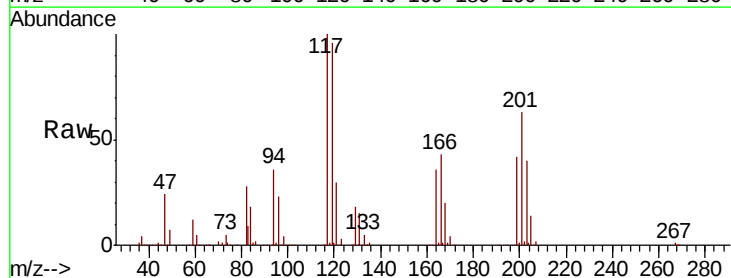
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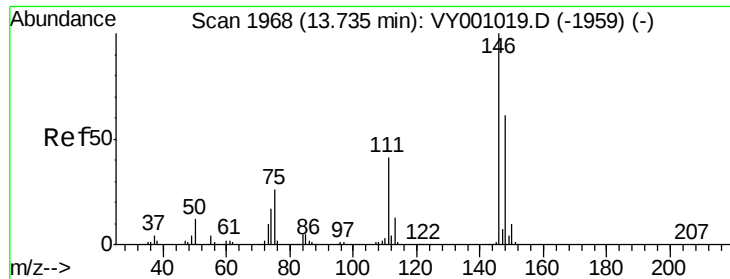
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#90
Hexachloroethane
Concen: 52.218 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	66.1	33.7	101.1	





#91

1,2-Dichlorobenzene

Concen: 50.884 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

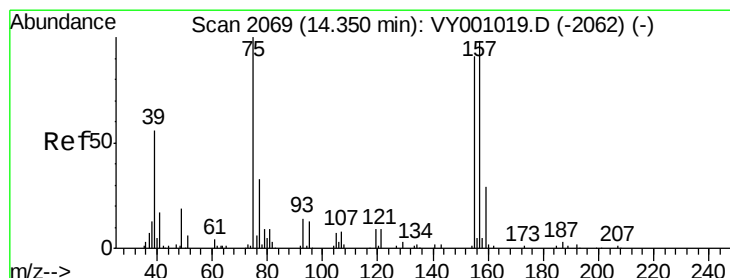
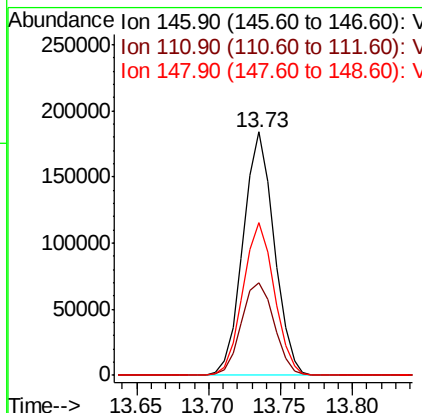
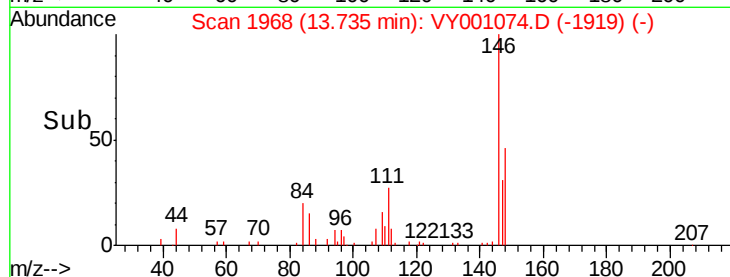
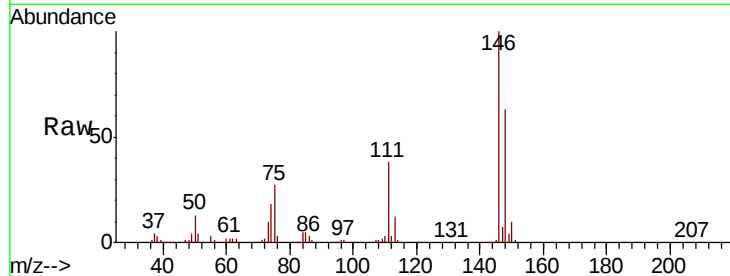
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	146	Resp:	274854
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.6	61.9
148	63.4	31.6	94.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 43.400 ug/l

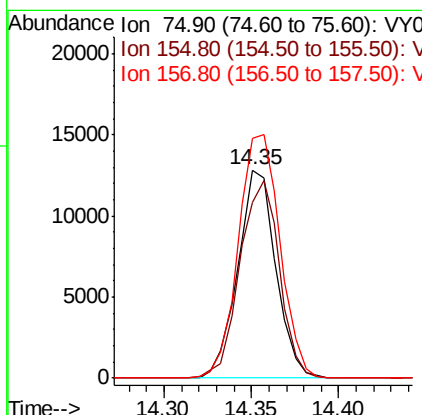
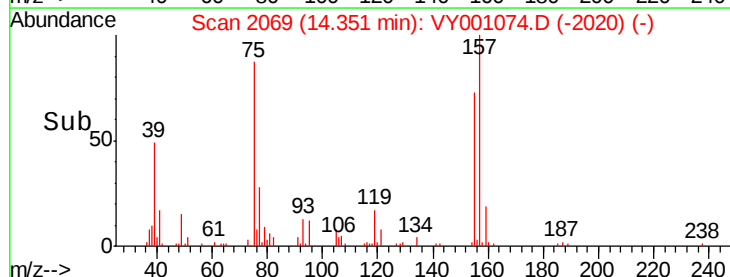
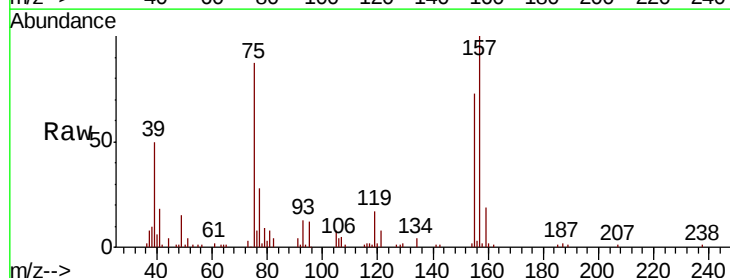
RT: 14.35 min Scan# 2069

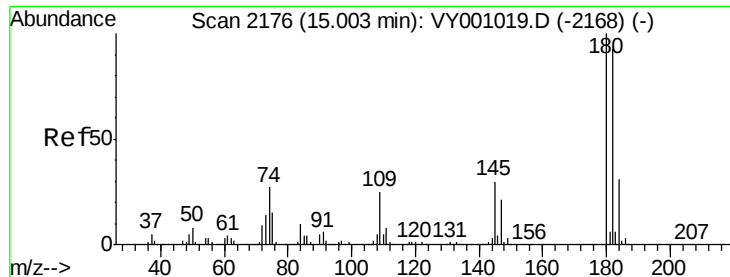
Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Tgt Ion:	75	Resp:	19392
Ion Ratio	Lower	Upper	
75	100		
155	98.6	46.3	138.9
157	128.2	58.1	174.4





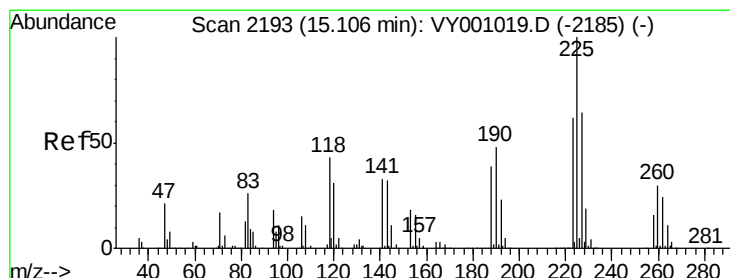
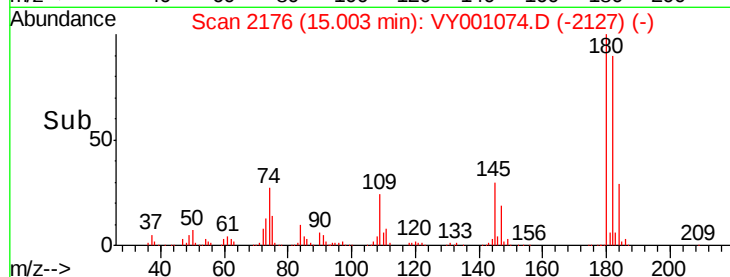
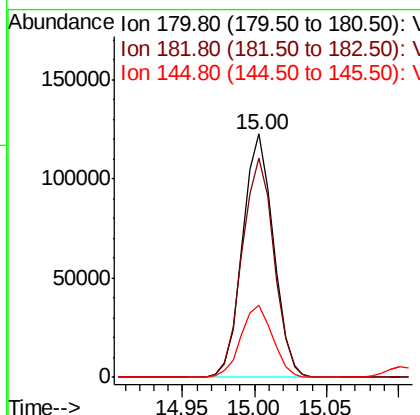
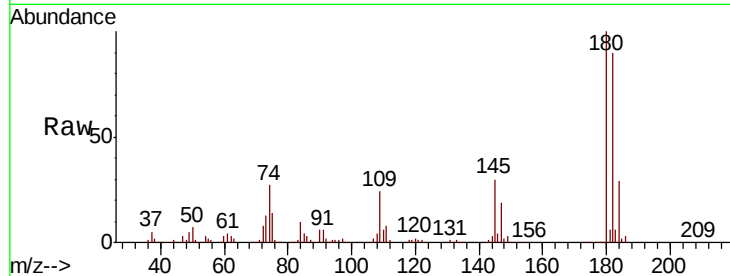
#93
 1,2,4-Trichlorobenzene
 Concen: 49.995 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.1	46.8	140.3	
145	30.2	15.3	45.9	

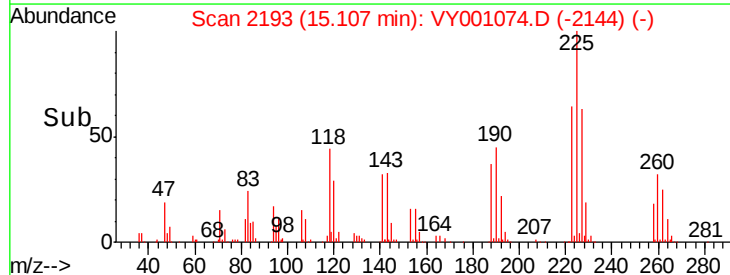
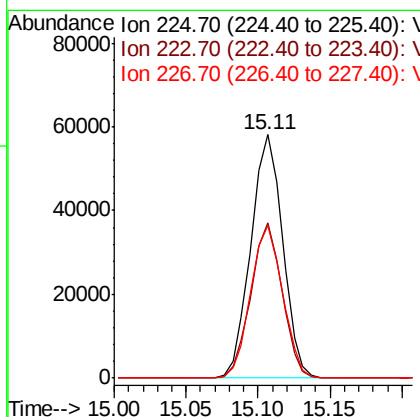
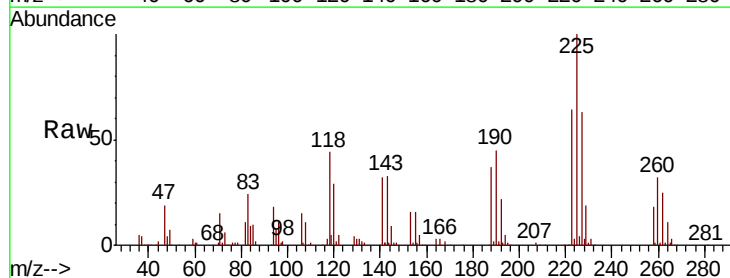
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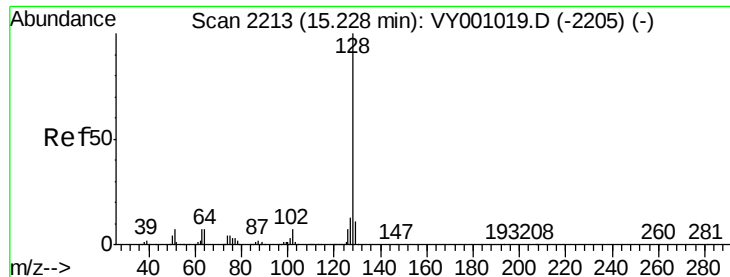
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#94
 Hexachlorobutadiene
 Concen: 51.067 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	31.6	94.8	
227	62.9	31.9	95.5	





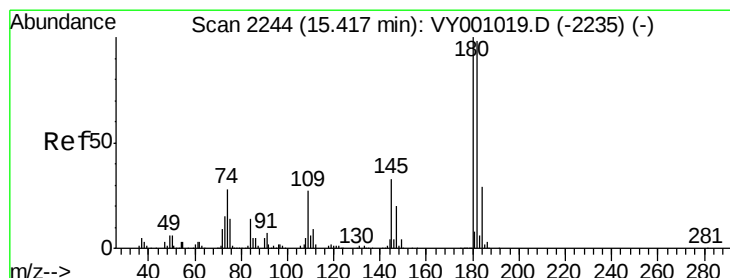
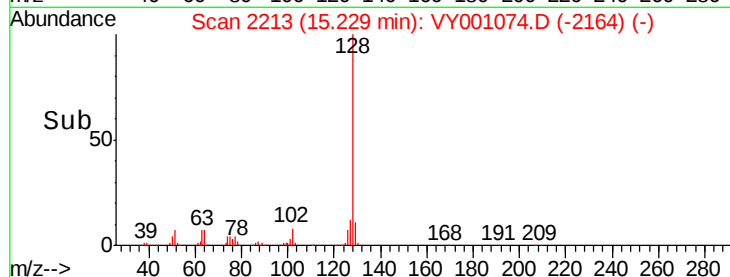
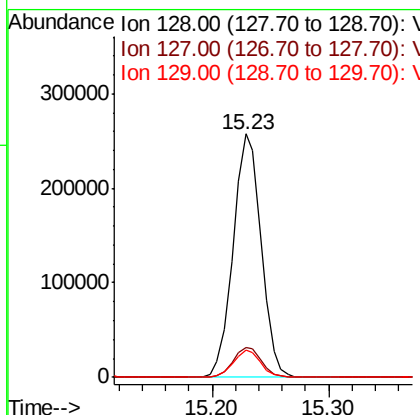
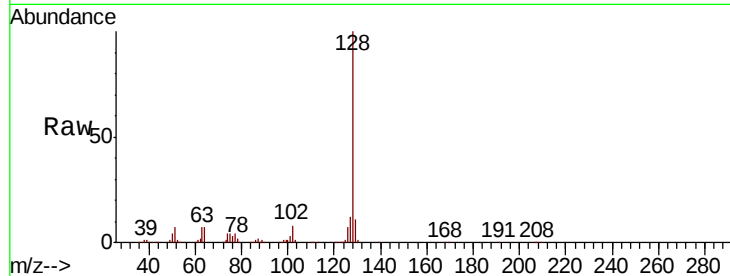
#95
Naphthalene
Concen: 50.183 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	430285		
127	12.2		9.9	14.9
129	11.0		8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 49.880 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	162181		
182	95.7		47.9	143.8
145	32.2		16.3	48.9

